

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042716\
 Data File : BE091722.D
 Acq On : 27 Apr 2016 12:34
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 28 03:11:33 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	35678	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	163041	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	93932	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	242990	5.00	ng	0.00
26) Chrysene-d12	21.31	240	271130	5.00	ng	0.00
35) Perylene-d12	23.75	264	276969	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3218	0.37	ng	0.00
5) Phenol-d6	6.96	99	4020	0.35	ng	0.00
8) Nitrobenzene-d5	8.95	82	3691	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	955	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	10651	0.40	ng	0.00
29) Terphenyl-d14	19.76	244	17251	0.41	ng	0.00

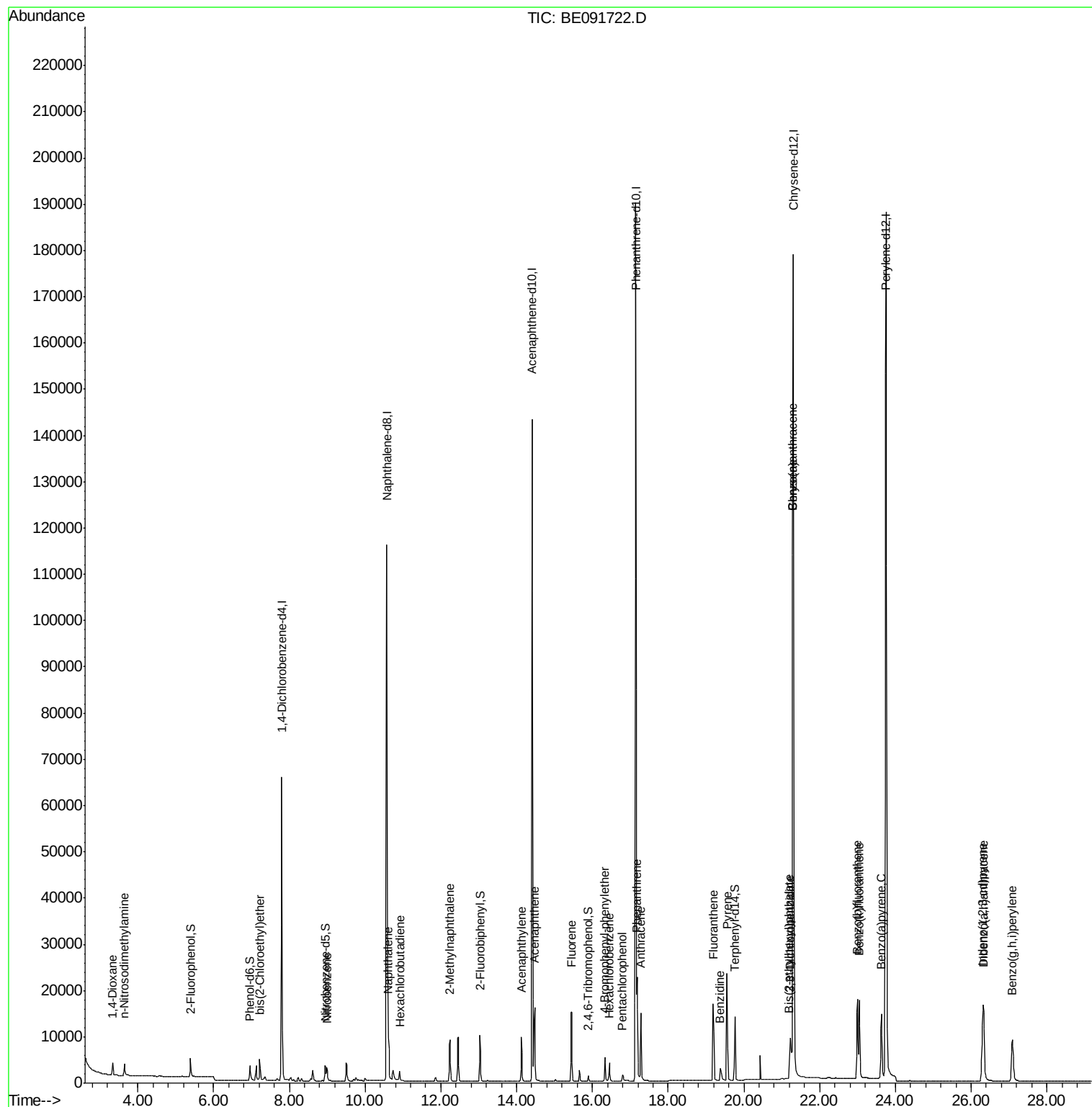
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.33	88	1904	0.36	ng	94
3) n-Nitrosodimethylamine	3.65	42	2303	0.36	ng	95
6) bis(2-Chloroethyl)ether	7.21	93	3913	0.38	ng	# 77
9) Nitrobenzene	8.99	77	3750	0.34	ng	96
10) Naphthalene	10.61	128	13358	0.41	ng	96
11) Hexachlorobutadiene	10.92	225	2526	0.52	ng	89
12) 2-Methylnaphthalene	12.24	142	8218	0.39	ng	93
16) Acenaphthylene	14.12	152	14234	0.39	ng	# 75
17) Acenaphthene	14.47	154	9352	0.40	ng	89
18) Fluorene	15.46	166	11438	0.39	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	3374	0.39	ng	94
21) Hexachlorobenzene	16.45	284	3484	0.40	ng	98
22) Pentachlorophenol	16.79	266	1295	0.37	ng	92
23) Phenanthrene	17.18	178	22460	0.41	ng	99
24) Anthracene	17.27	178	18752	0.38	ng	99
25) Fluoranthene	19.19	202	22492	0.39	ng	97
27) Benzidine	19.38	184	6333	0.45	ng	# 79
28) Pyrene	19.55	202	25031	0.41	ng	99
30) Benzo(a)anthracene	21.29	228	26347	0.40	ng	94
31) 3,3'-Dichlorobenzidine	21.22	252	11818	0.35	ng	# 82
32) Chrysene	21.29	228	26336	0.38	ng	# 90
33) Bis(2-ethylhexyl)phthalate	21.20	149	6998	0.35	ng	# 87
34) Indeno(1,2,3-cd)pyrene	26.31	276	27057	0.44	ng	96
36) Benzo(b)fluoranthene	23.00	252	26672	0.41	ng	96
37) Benzo(k)fluoranthene	23.04	252	24369	0.37	ng	98
38) Benzo(a)pyrene	23.63	252	23195	0.38	ng	98
39) Dibenzo(a,h)anthracene	26.33	278	22141	0.38	ng	96
40) Benzo(g,h,i)perylene	27.09	276	23162	0.39	ng	95

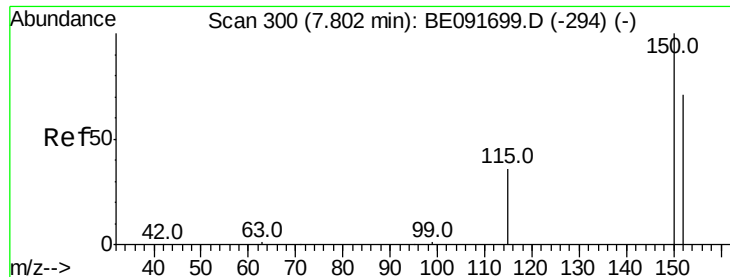
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

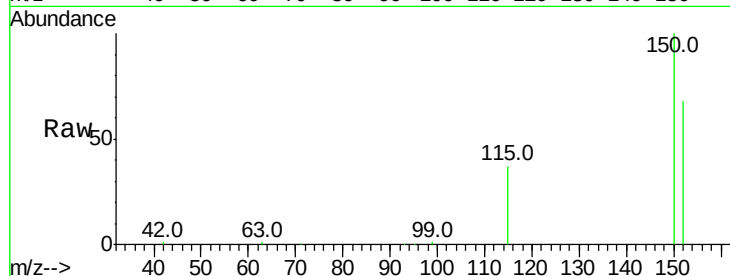
Tot Ion:152 Resp: 35678

Ion Ratio Lower Upper

152 100

150 147.1 122.6 183.8

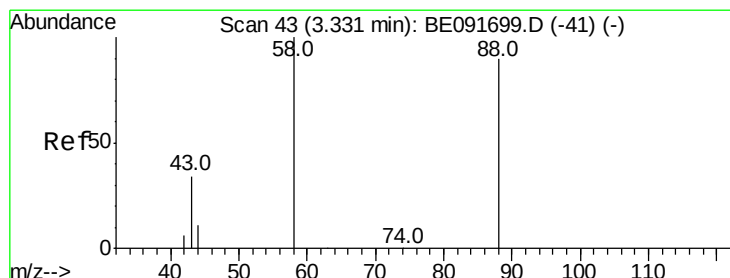
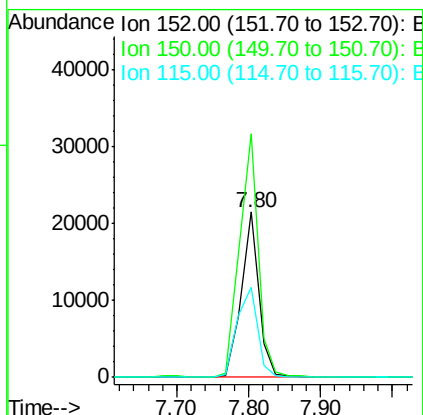
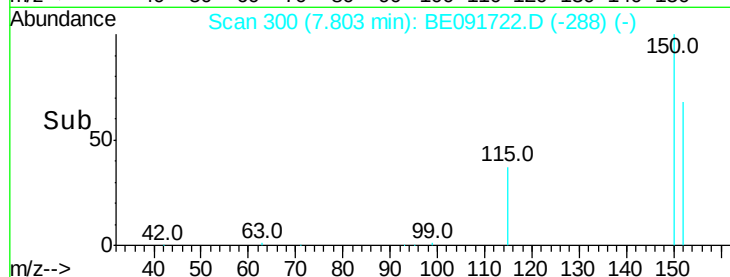
115 54.2 52.8 79.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.36 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

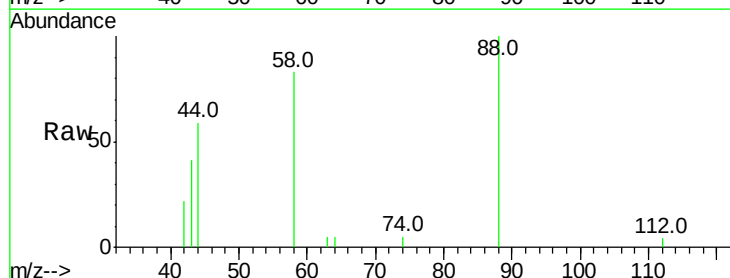
Tgt Ion: 88 Resp: 1904

Ion Ratio Lower Upper

88 100

58 76.8 65.8 98.6

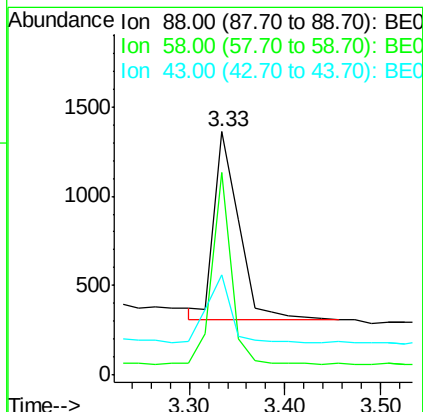
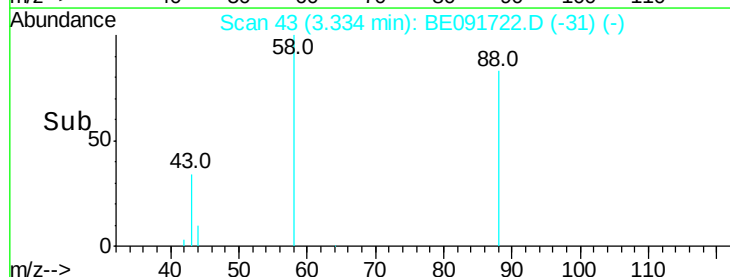
43 34.7 25.3 37.9

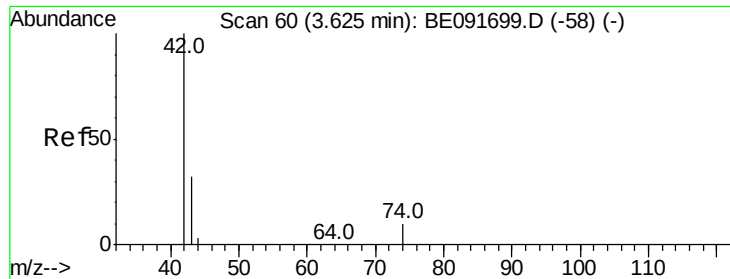


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.36 ng

RT: 3.65 min Scan# 61

Delta R.T. 0.02 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

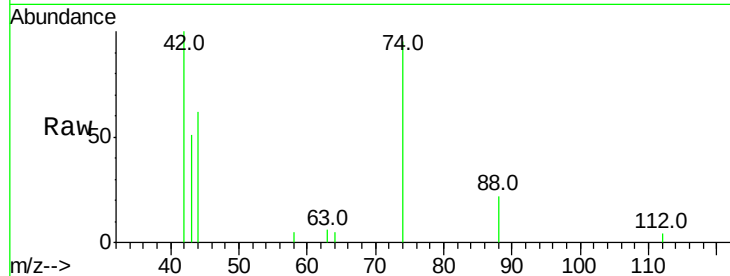
Tot Ion: 42 Resp: 2303

Ion Ratio Lower Upper

42 100

74 104.5 87.9 131.9

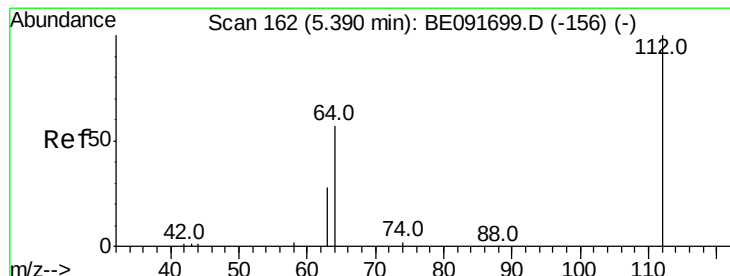
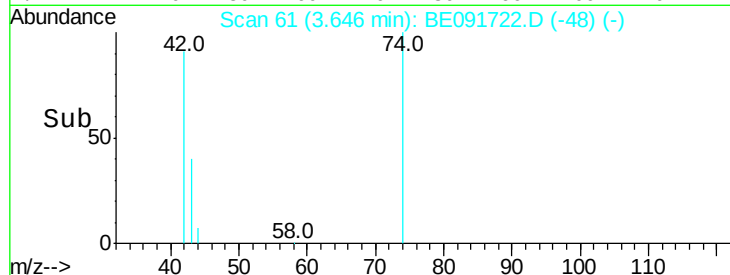
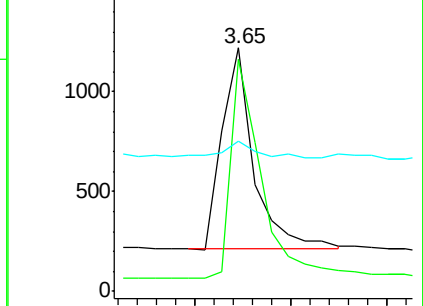
44 9.4 6.6 9.8



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.37 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

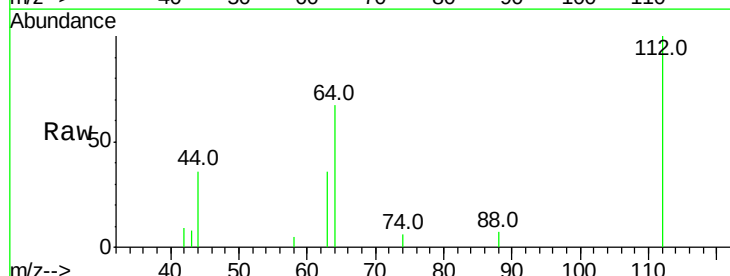
Tgt Ion: 112 Resp: 3218

Ion Ratio Lower Upper

112 100

64 66.6 30.9 46.3#

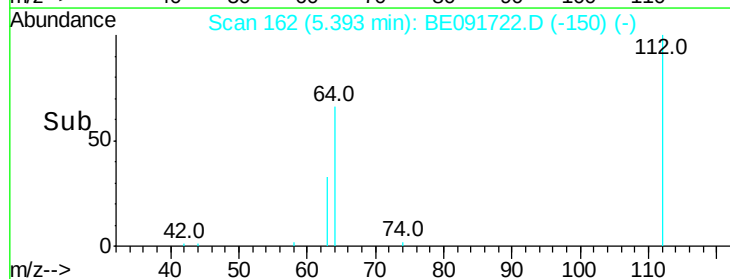
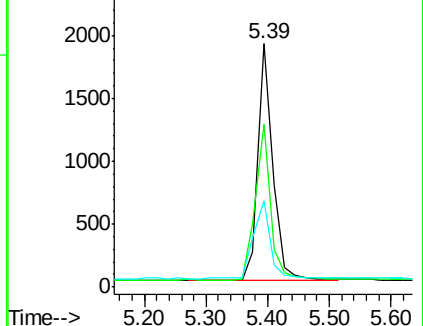
63 36.5 16.7 25.1#

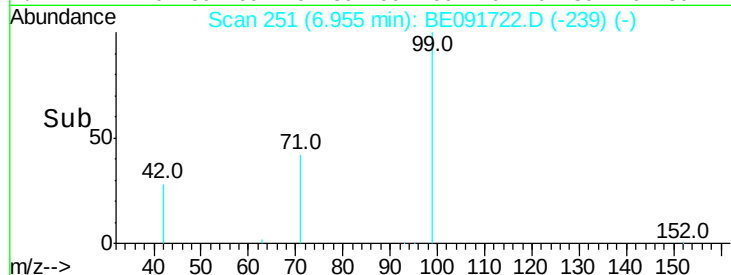
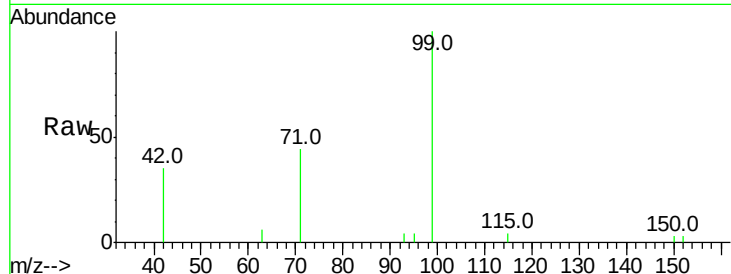
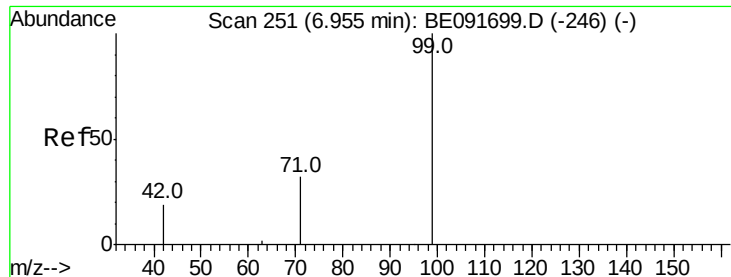


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.35 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

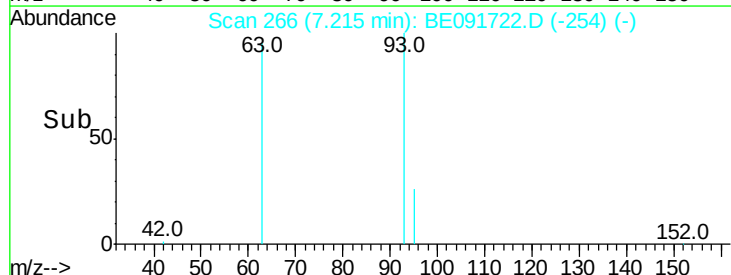
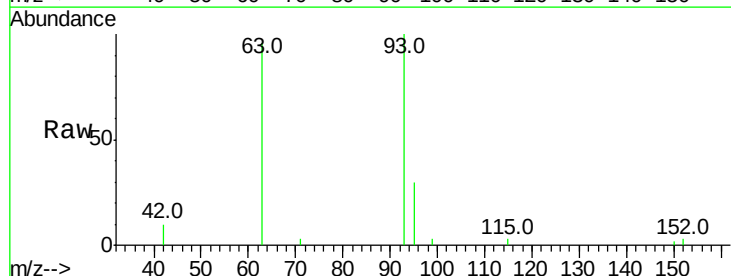
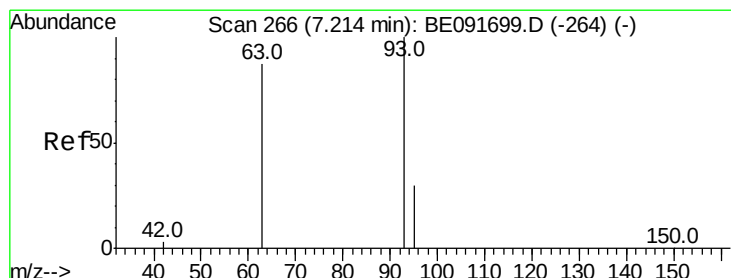
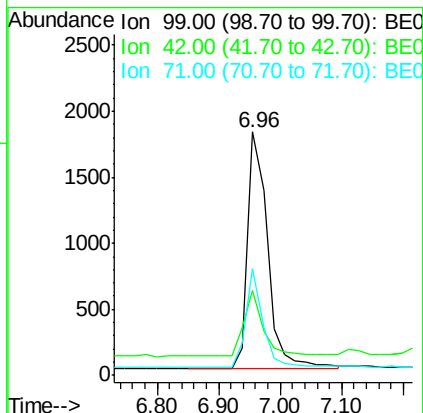
Tot Ion: 99 Resp: 4020

Ion Ratio Lower Upper

99 100

42 26.7 16.2 24.2#

71 36.0 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 0.38 ng

RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

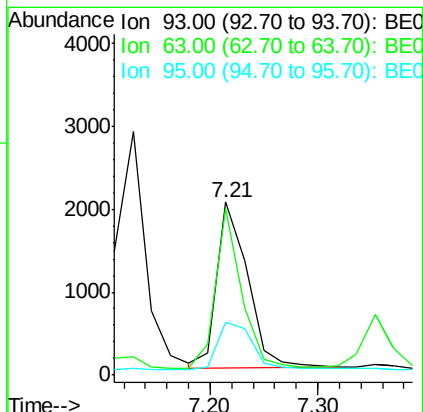
Tgt Ion: 93 Resp: 3913

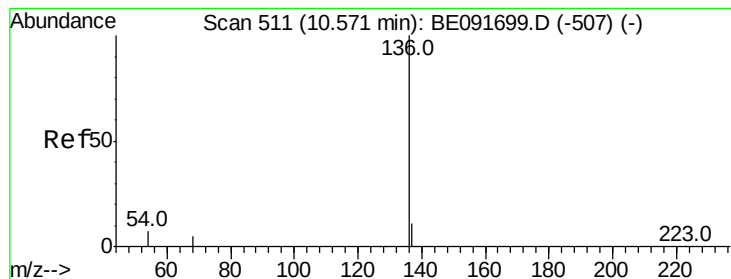
Ion Ratio Lower Upper

93 100

63 84.2 49.5 74.3#

95 32.1 22.2 33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 163041

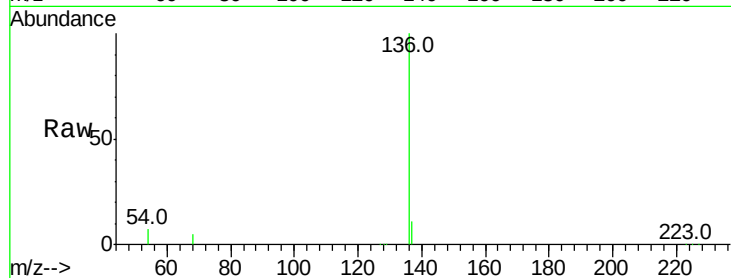
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.3 8.2 12.4#

68 5.3 6.2 9.4#

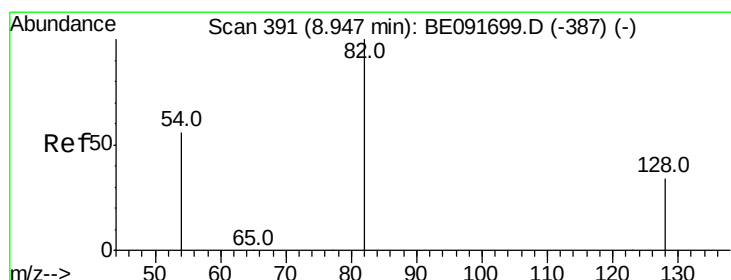
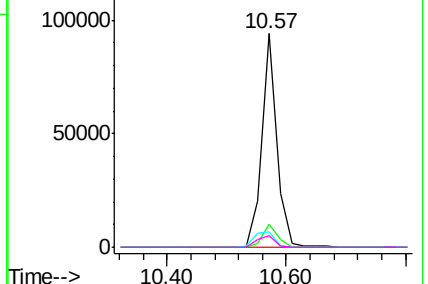
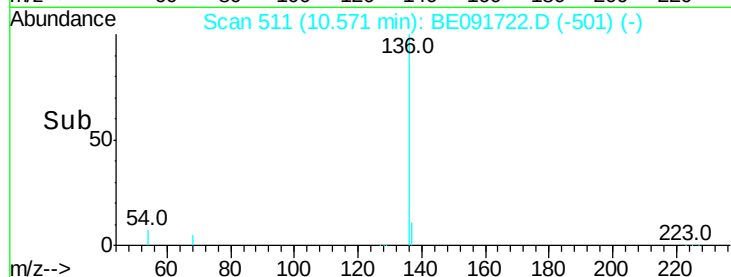


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.35 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

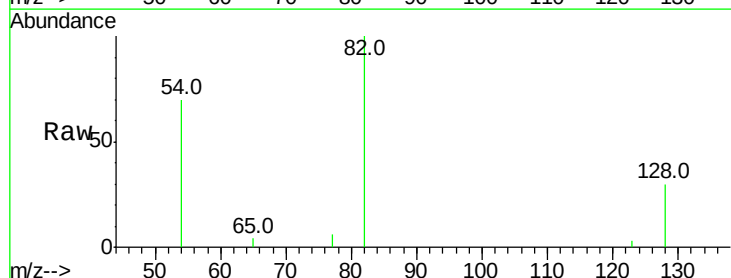
Tgt Ion: 82 Resp: 3691

Ion Ratio Lower Upper

82 100

128 30.2 25.4 38.0

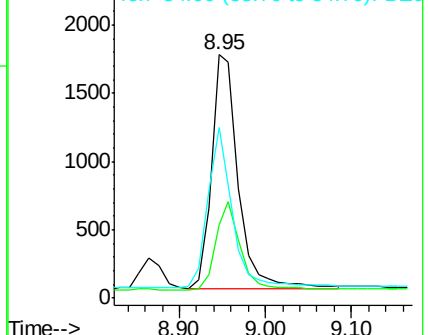
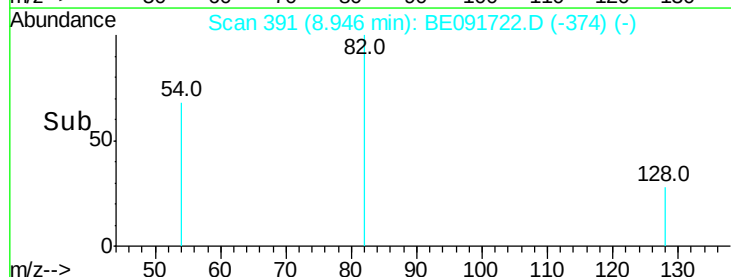
54 70.1 48.4 72.6

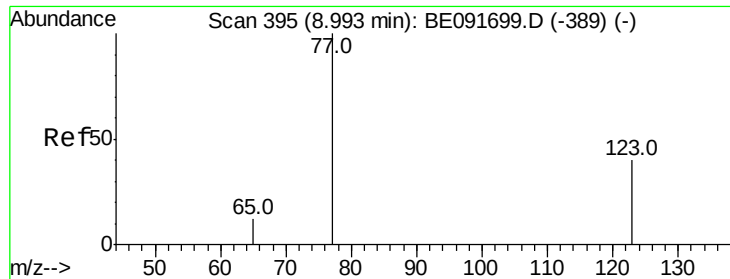


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.34 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

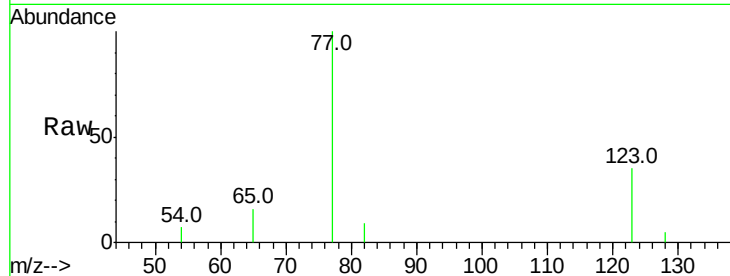
Tot Ion: 77 Resp: 3750

Ion Ratio Lower Upper

77 100

123 36.1 26.9 40.3

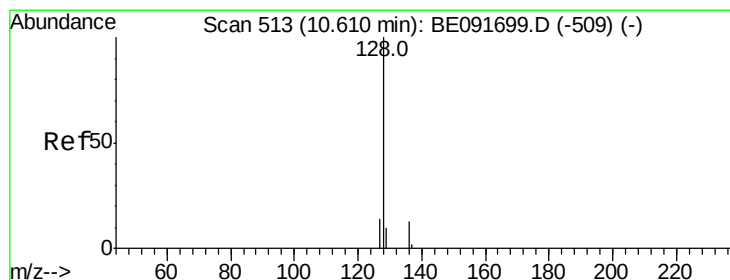
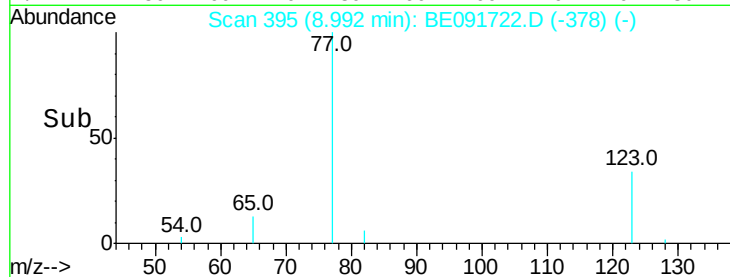
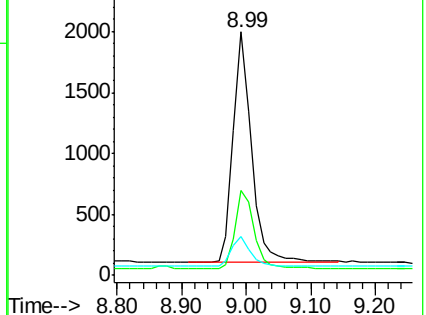
65 13.1 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091699.D (-389) (-)

Ion 123.00 (122.70 to 123.70): BE091699.D (-389) (-)

Ion 65.00 (64.70 to 65.70): BE091699.D (-389) (-)



#10

Naphthalene

Concen: 0.41 ng

RT: 10.61 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

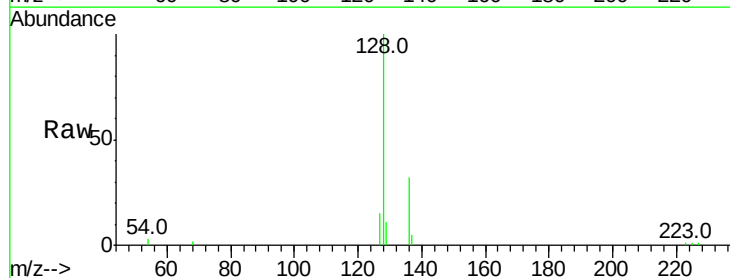
Tgt Ion: 128 Resp: 13358

Ion Ratio Lower Upper

128 100

129 10.6 9.3 13.9

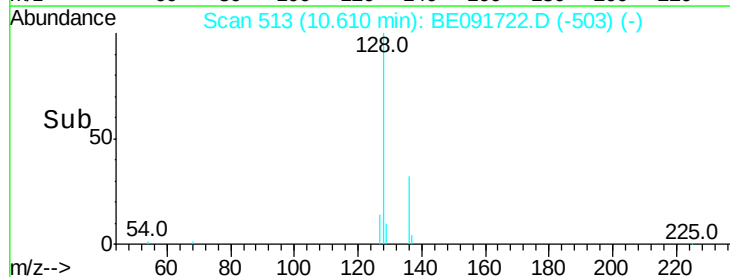
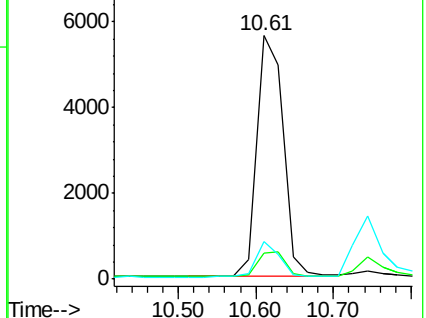
127 15.3 10.7 16.1

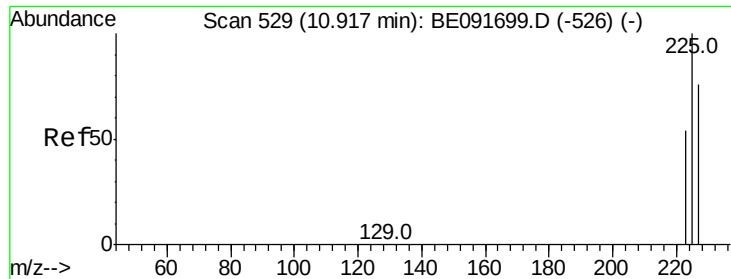


Abundance Ion 128.00 (127.70 to 128.70): BE091699.D (-509) (-)

Ion 129.00 (128.70 to 129.70): BE091699.D (-509) (-)

Ion 127.00 (126.70 to 127.70): BE091699.D (-509) (-)

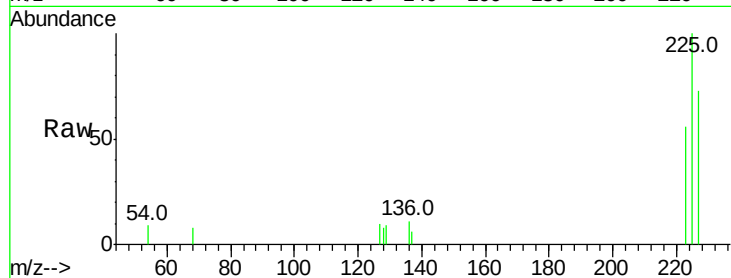




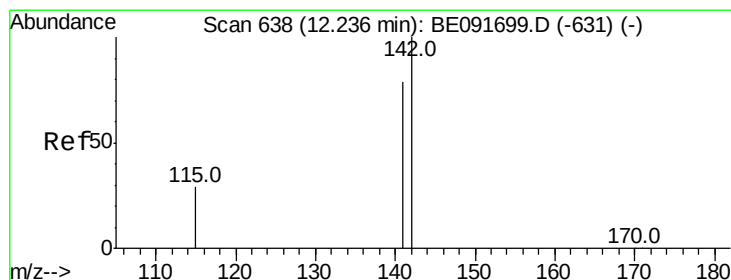
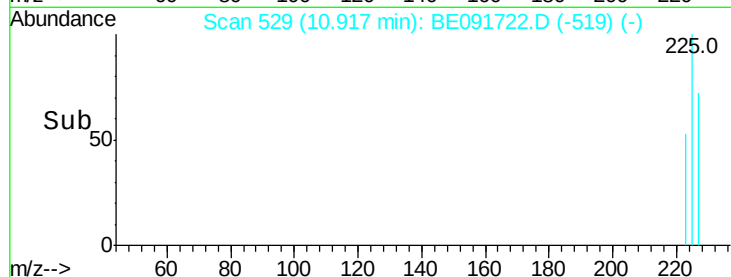
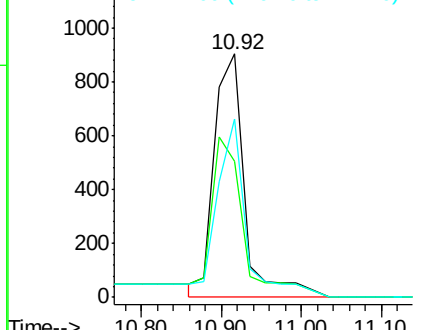
#11
Hexachlorobutadiene
Concen: 0.52 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091722.D
Acq: 27 Apr 2016 12:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:225 Resp: 2526
Ion Ratio Lower Upper
225 100
223 69.6 49.0 73.6
227 71.3 50.3 75.5

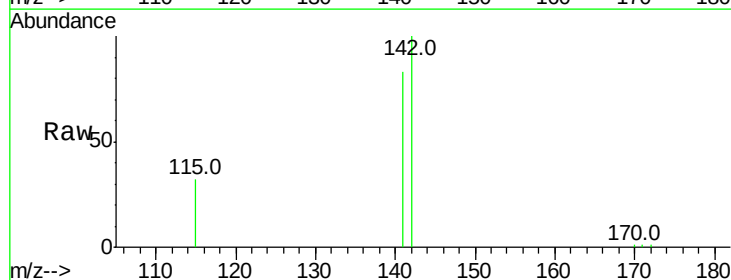


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

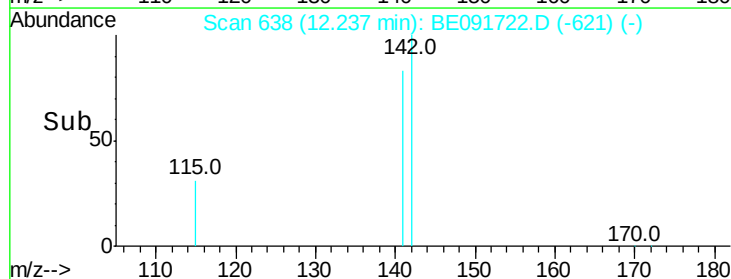
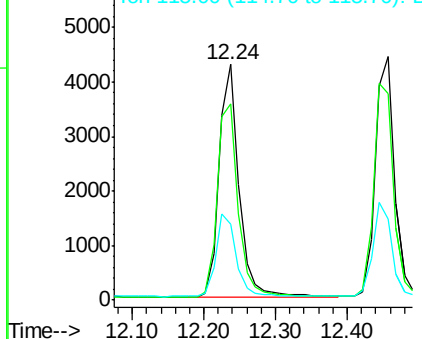


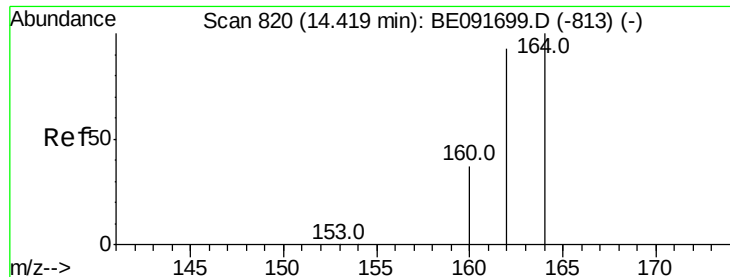
#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.24 min Scan# 638
Delta R.T. 0.00 min
Lab File: BE091722.D
Acq: 27 Apr 2016 12:34

Tgt Ion:142 Resp: 8218
Ion Ratio Lower Upper
142 100
141 83.4 71.4 107.0
115 32.1 30.3 45.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

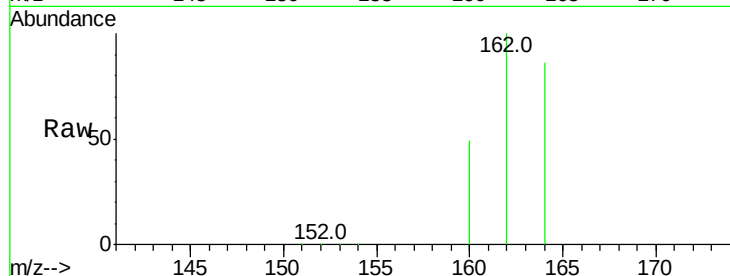
Tot Ion:164 Resp: 93932

Ion Ratio Lower Upper

164 100

162 115.8 85.3 127.9

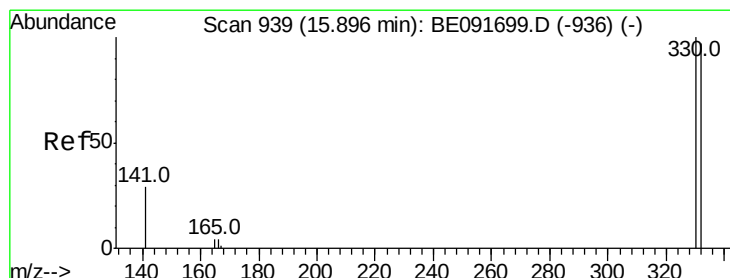
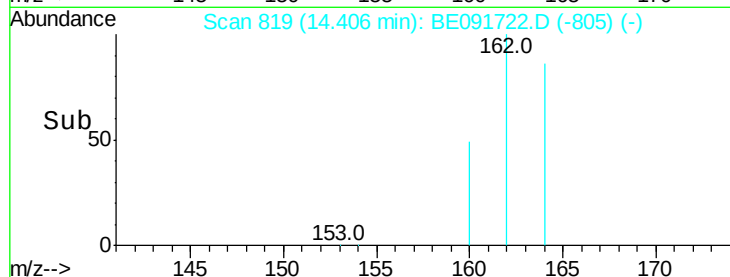
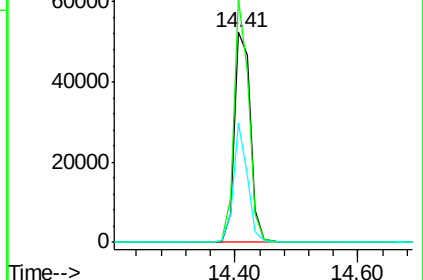
160 57.0 46.2 69.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.43 ng

RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

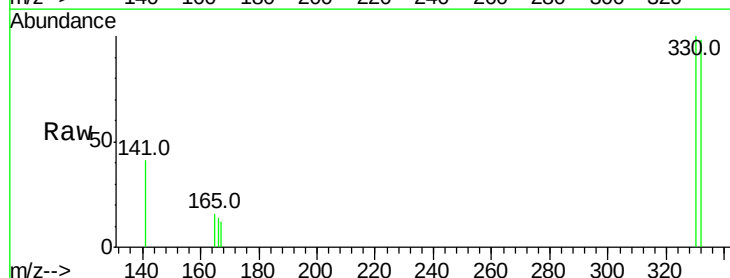
Tgt Ion:330 Resp: 955

Ion Ratio Lower Upper

330 100

332 94.2 79.1 118.7

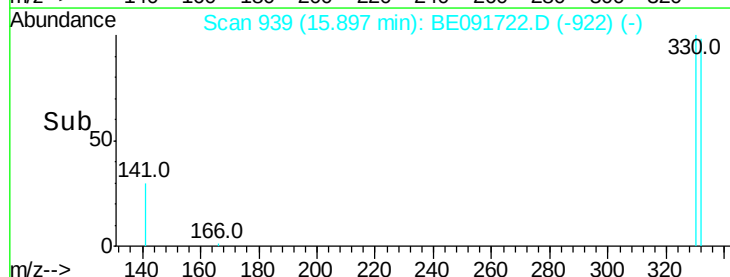
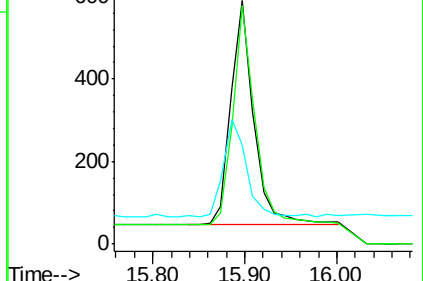
141 43.1 125.4 188.0#

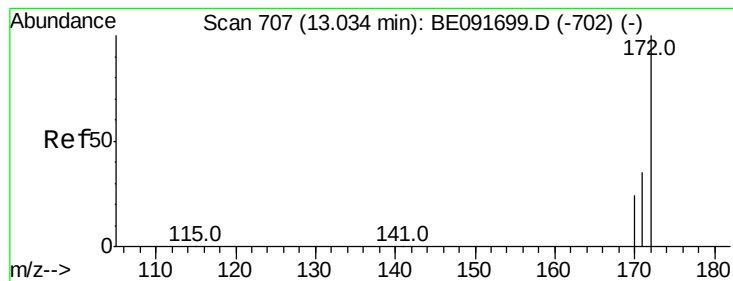


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

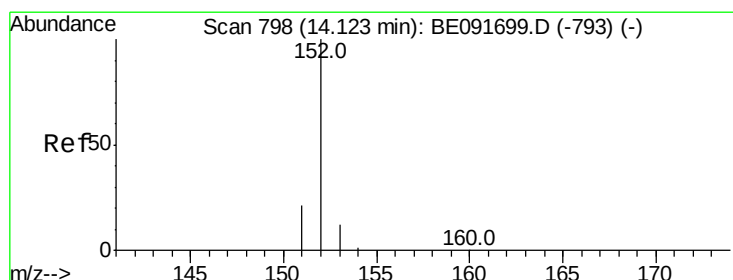
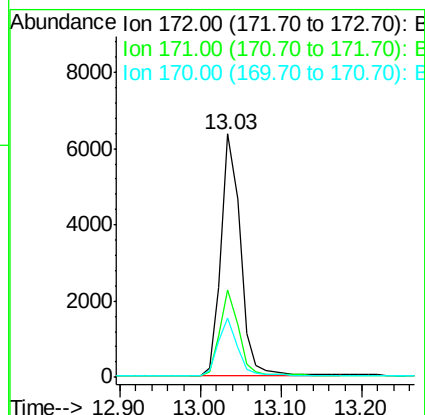
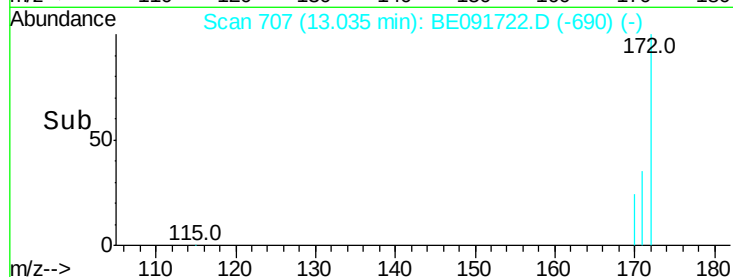
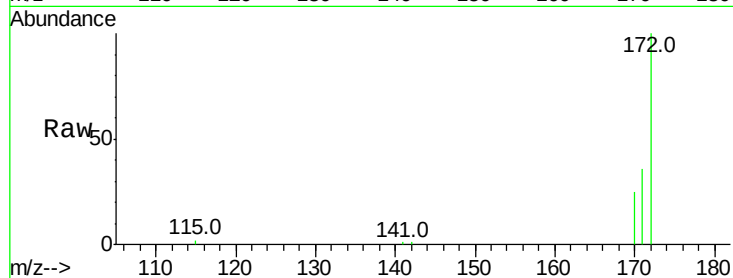




#15
 2-Fluorobiphenyl
 Concen: 0.40 ng
 RT: 13.03 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091722.D
 Acq: 27 Apr 2016 12:34

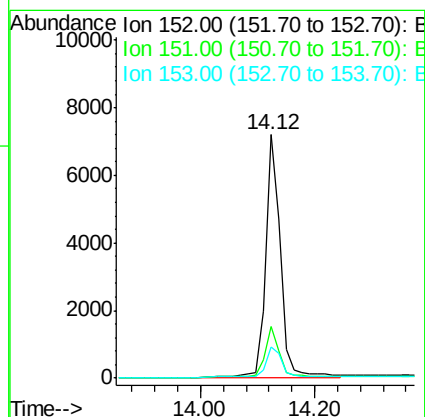
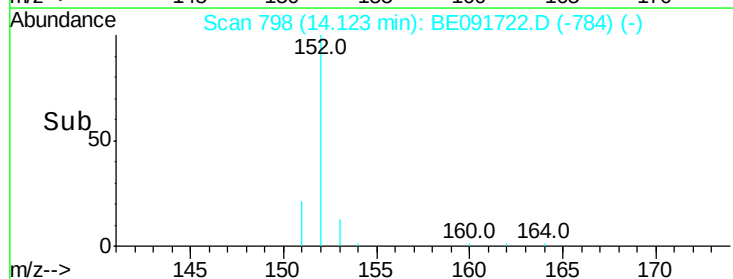
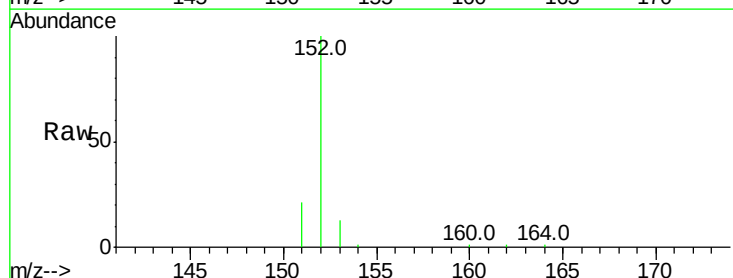
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4

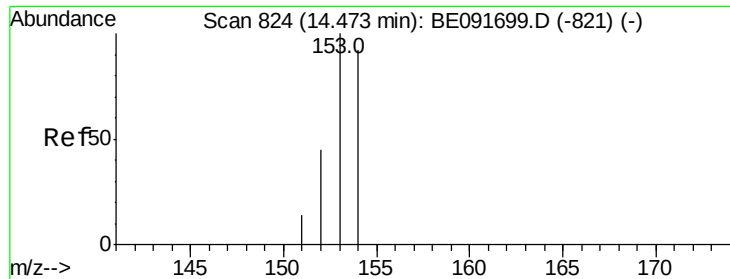
Tot Ion:172 Resp: 10651
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.8 43.2
 170 24.5 19.3 28.9



#16
 Acenaphthylene
 Concen: 0.39 ng
 RT: 14.12 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BE091722.D
 Acq: 27 Apr 2016 12:34

Tgt Ion:152 Resp: 14234
 Ion Ratio Lower Upper
 152 100
 151 23.8 3.9 5.9#
 153 18.0 10.3 15.5#

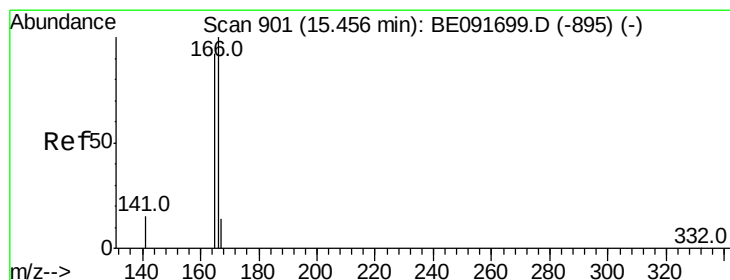
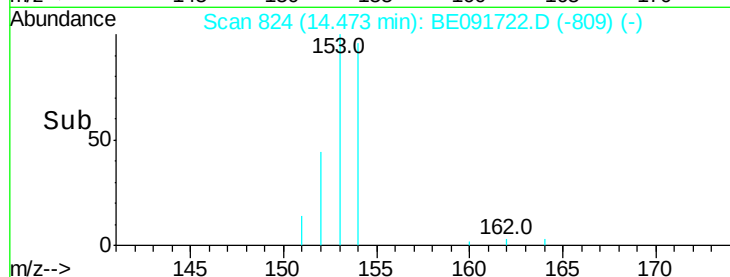
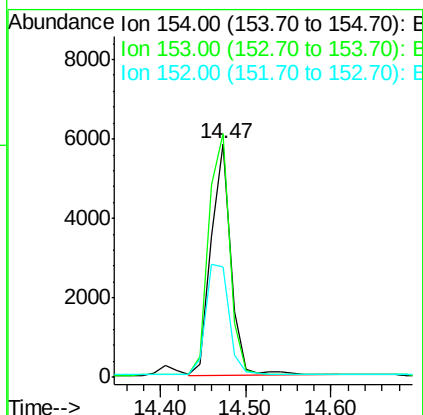
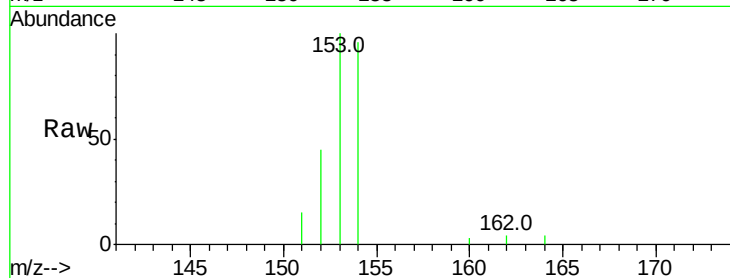




#17
Acenaphthene
Concen: 0.40 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091722.D
Acq: 27 Apr 2016 12:34

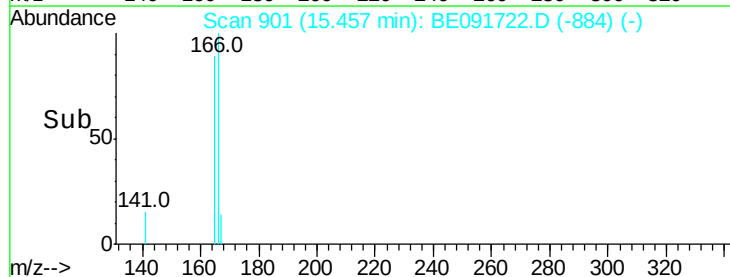
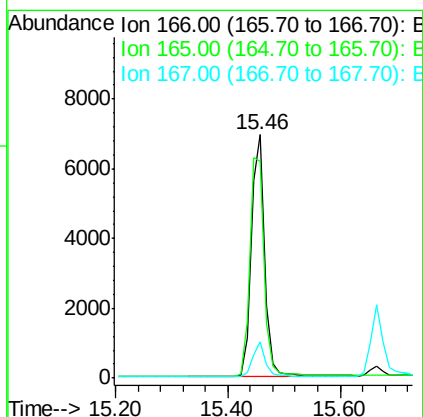
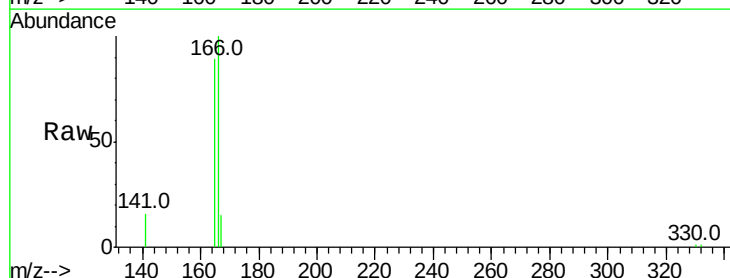
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

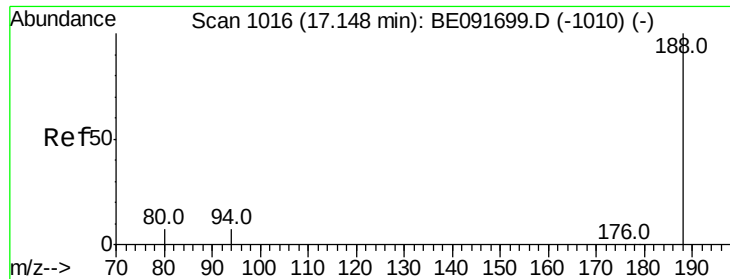
Tot Ion:154 Resp: 9352
Ion Ratio Lower Upper
154 100
153 111.8 80.0 120.0
152 56.3 40.0 60.0



#18
Fluorene
Concen: 0.39 ng
RT: 15.46 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE091722.D
Acq: 27 Apr 2016 12:34

Tgt Ion:166 Resp: 11438
Ion Ratio Lower Upper
166 100
165 98.9 80.8 121.2
167 13.3 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

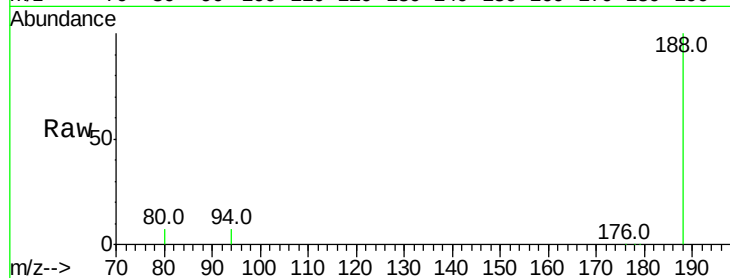
Tot Ion:188 Resp: 242990

Ion Ratio Lower Upper

188 100

94 7.1 8.7 13.1#

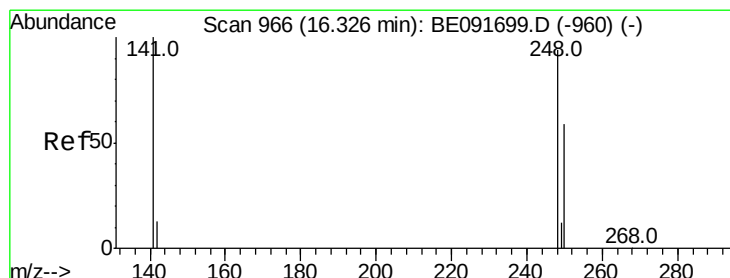
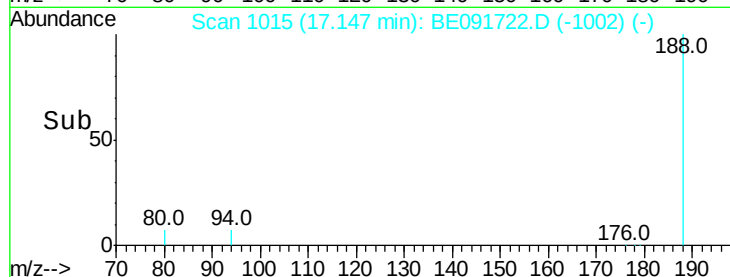
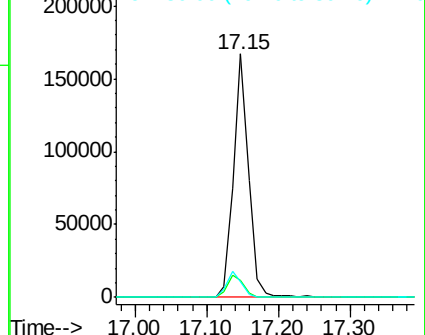
80 6.6 9.4 14.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.39 ng

RT: 16.33 min Scan# 966

Delta R.T. 0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

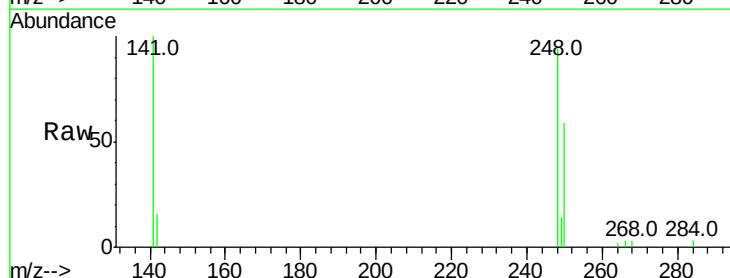
Tgt Ion:248 Resp: 3374

Ion Ratio Lower Upper

248 100

250 95.0 80.5 120.7

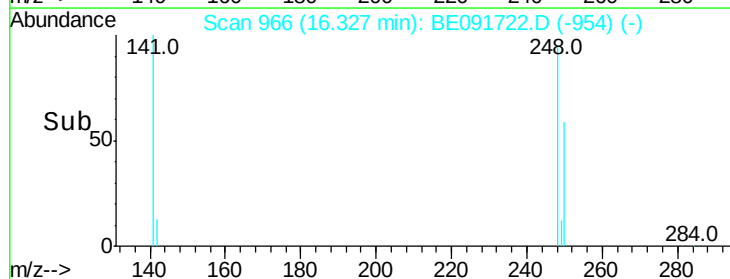
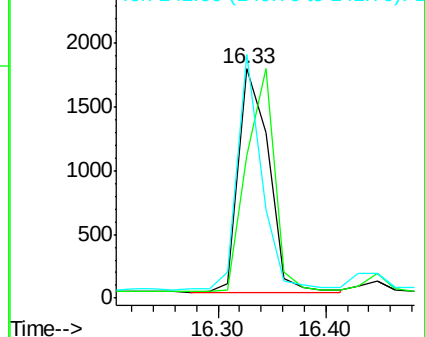
141 84.9 72.0 108.0

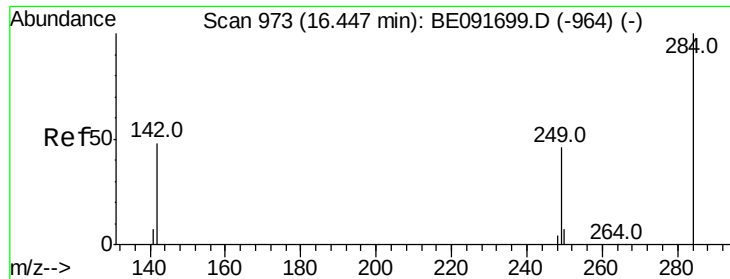


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

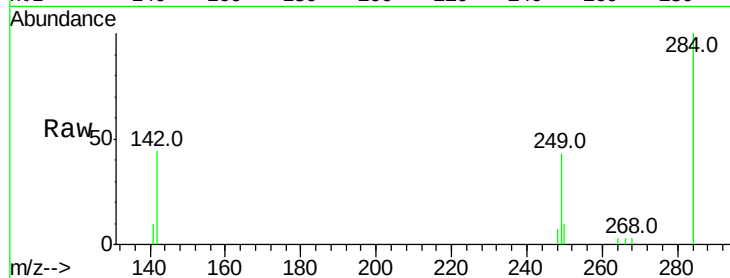




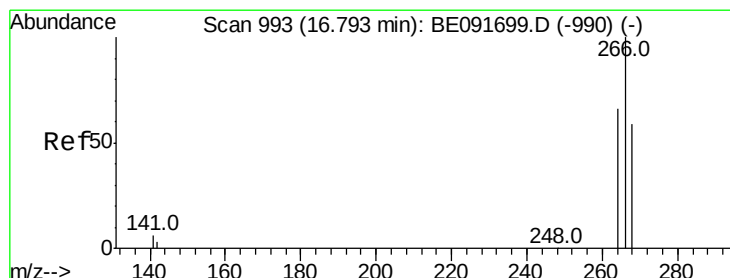
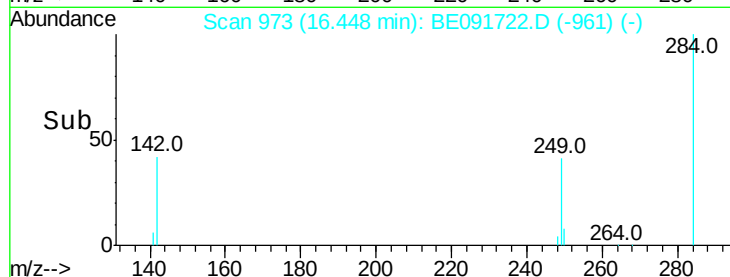
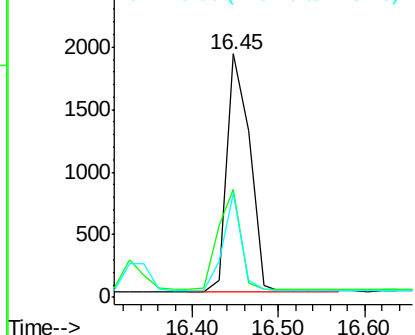
#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091722.D
Acq: 27 Apr 2016 12:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:284 Resp: 3484
Ion Ratio Lower Upper
284 100
142 41.3 32.2 48.2
249 33.1 25.4 38.2

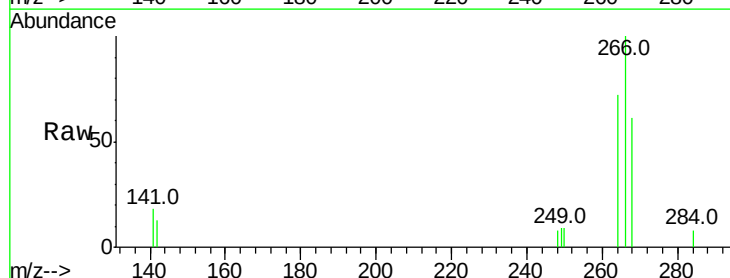


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

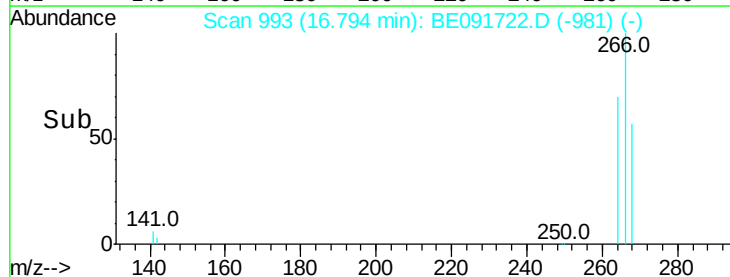
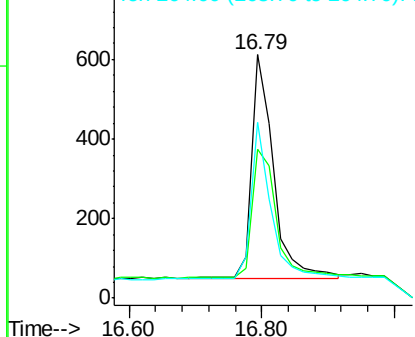


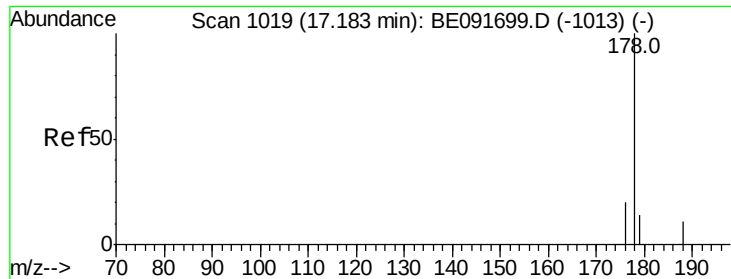
#22
Pentachlorophenol
Concen: 0.37 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091722.D
Acq: 27 Apr 2016 12:34

Tgt Ion:266 Resp: 1295
Ion Ratio Lower Upper
266 100
268 61.1 58.2 87.2
264 72.2 56.2 84.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.41 ng

RT: 17.18 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

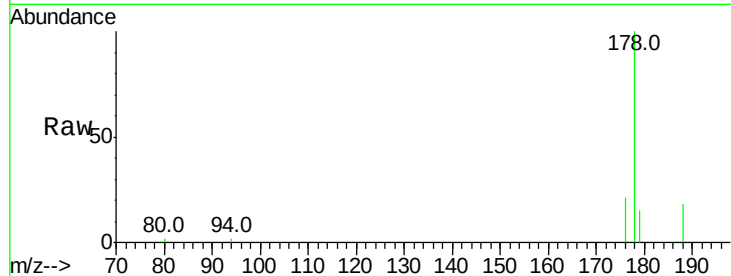
Tot Ion:178 Resp: 22460

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

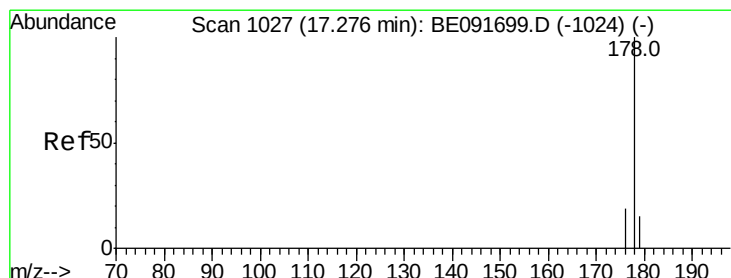
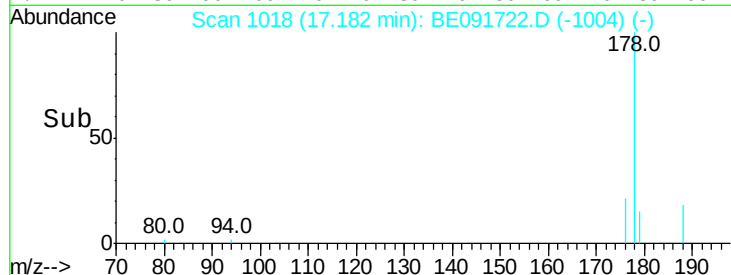
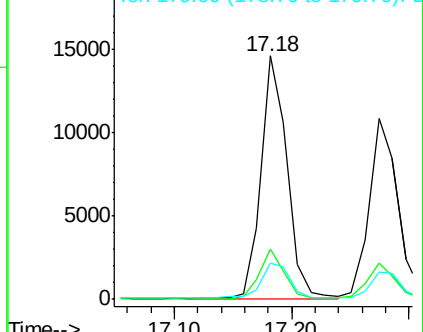
179 16.1 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.38 ng

RT: 17.27 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

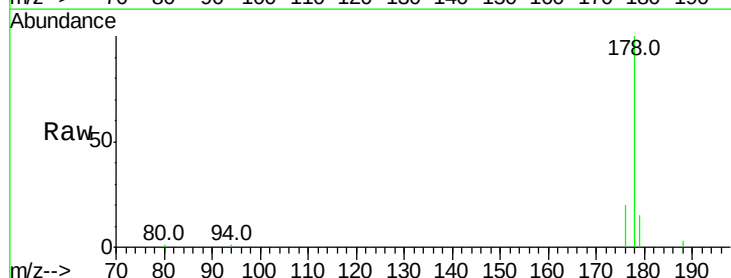
Tgt Ion:178 Resp: 18752

Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

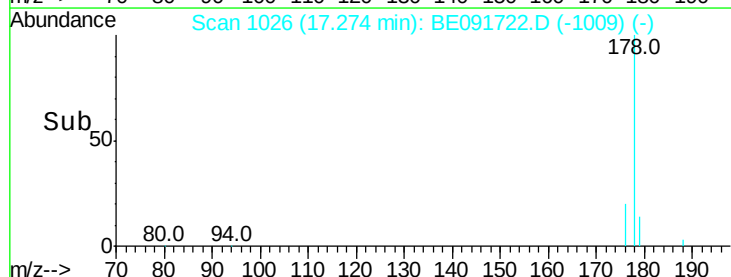
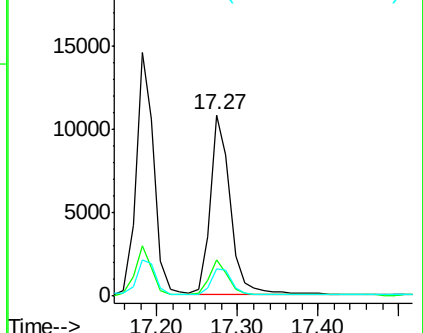
179 15.4 11.8 17.6

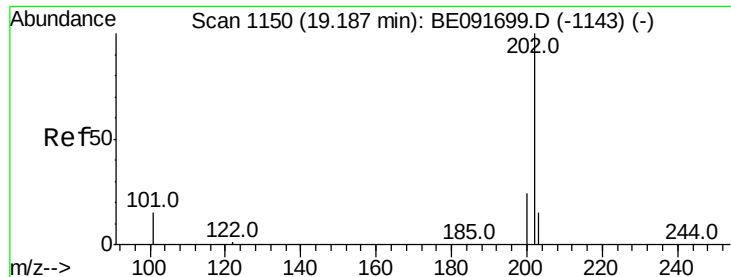


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.39 ng

RT: 19.19 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

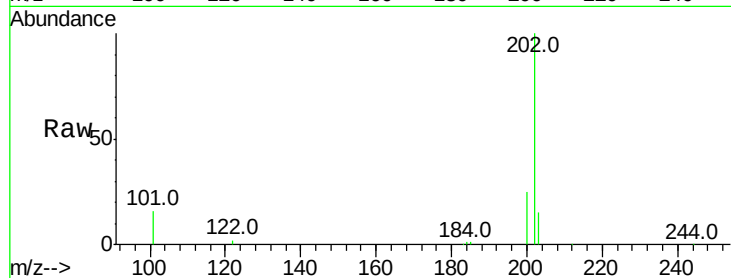
Tot Ion:202 Resp: 22492

Ion Ratio Lower Upper

202 100

101 11.5 11.0 16.6

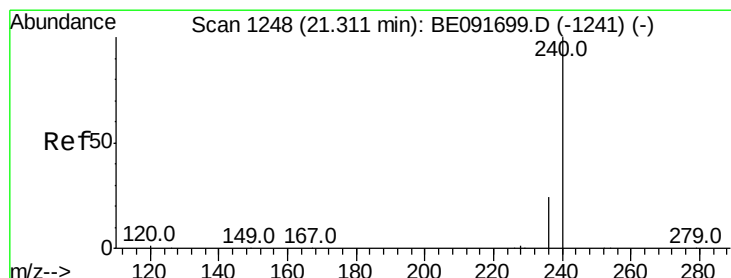
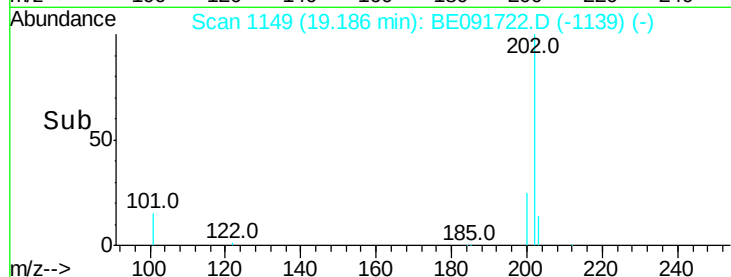
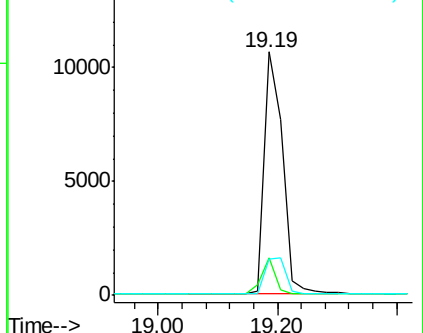
203 17.1 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

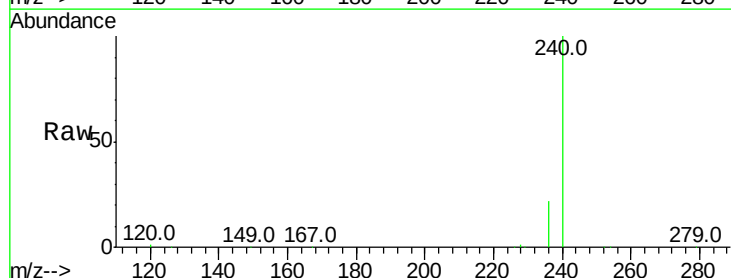
Tgt Ion:240 Resp: 271130

Ion Ratio Lower Upper

240 100

120 0.9 11.0 16.4#

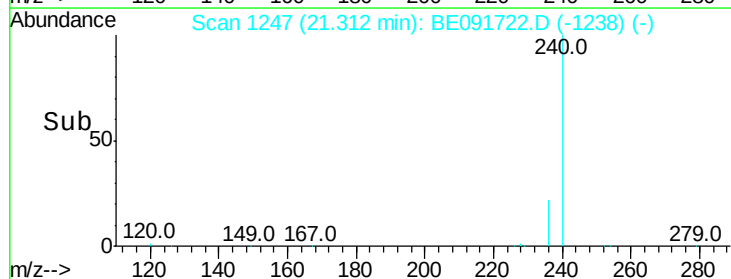
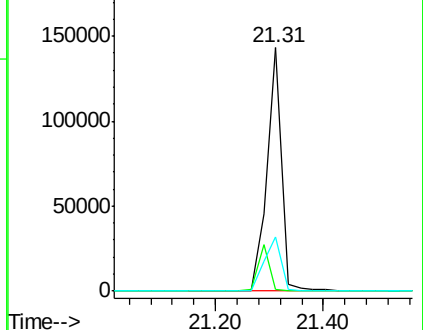
236 22.1 21.7 32.5

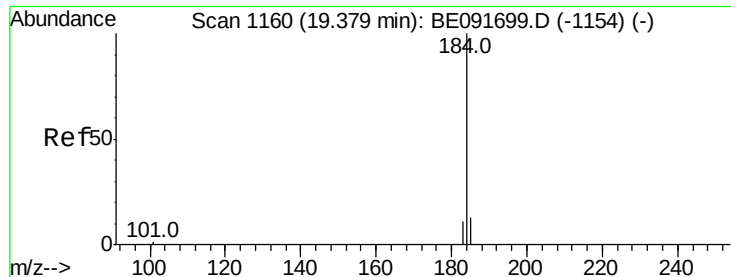


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.45 ng

RT: 19.38 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

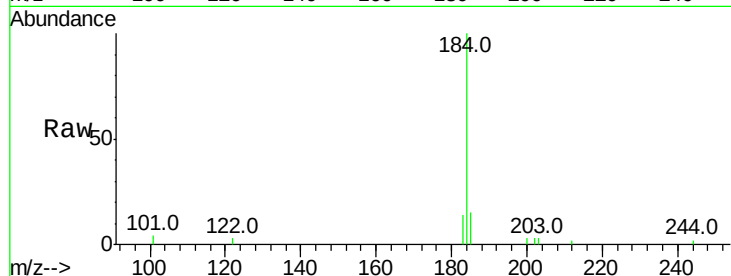
Tot Ion:184 Resp: 6333

Ion Ratio Lower Upper

184 100

185 14.8 22.3 33.5#

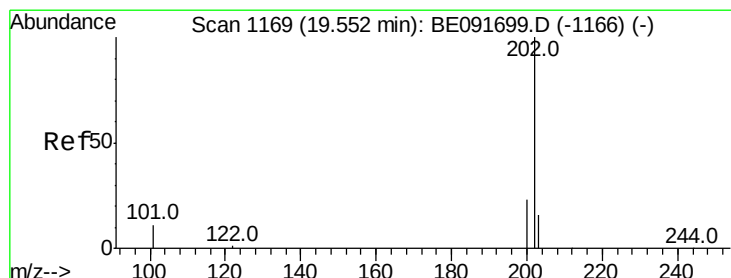
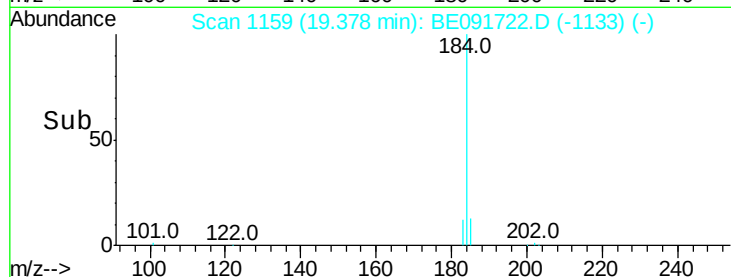
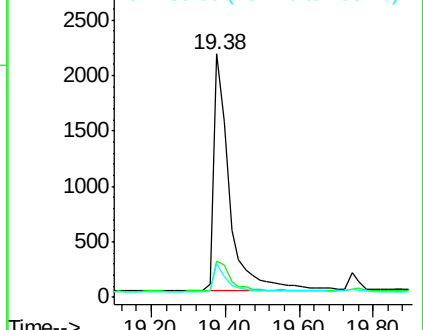
183 13.8 16.4 24.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.41 ng

RT: 19.55 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

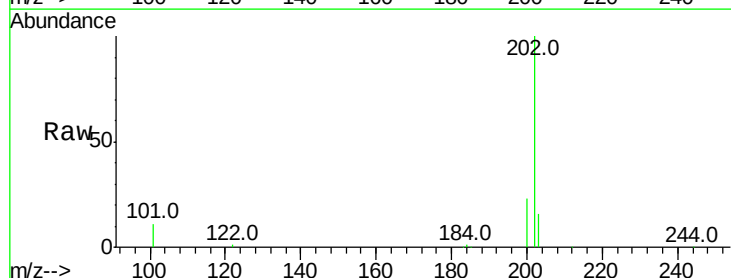
Tgt Ion:202 Resp: 25031

Ion Ratio Lower Upper

202 100

200 21.6 16.8 25.2

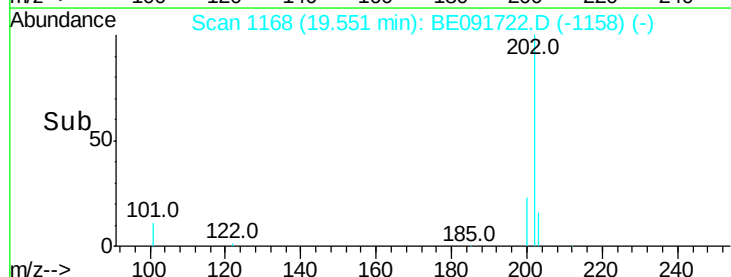
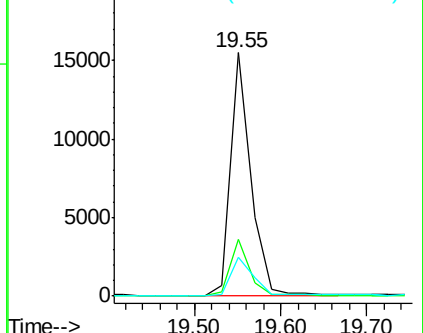
203 17.3 14.0 21.0

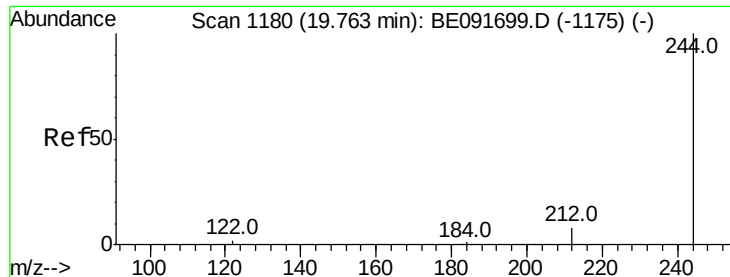


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.41 ng

RT: 19.76 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

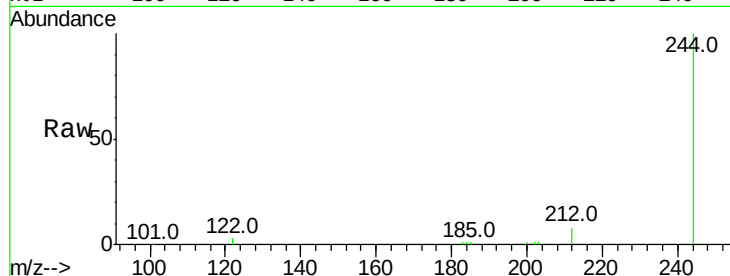
Tot Ion:244 Resp: 17251

Ion Ratio Lower Upper

244 100

212 7.7 6.9 10.3

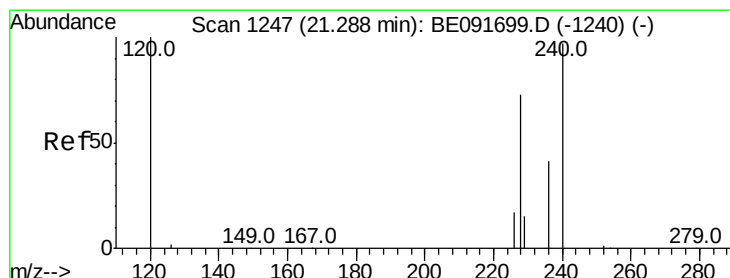
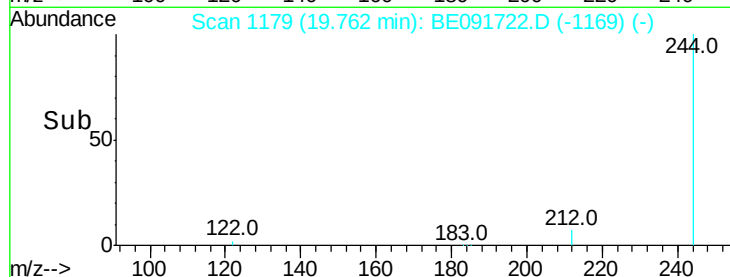
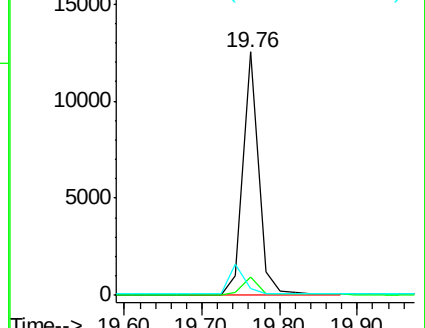
122 2.7 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.40 ng

RT: 21.29 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

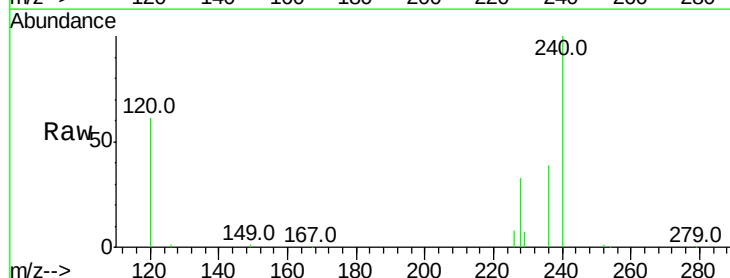
Tgt Ion:228 Resp: 26347

Ion Ratio Lower Upper

228 100

226 22.8 21.0 31.4

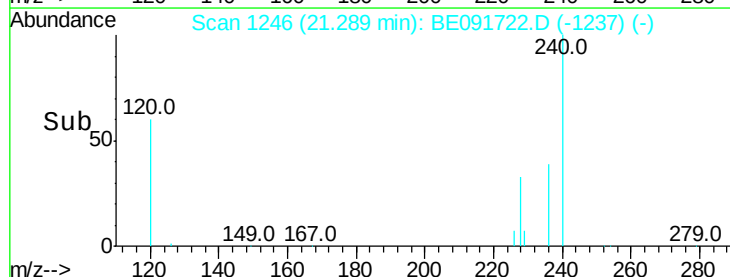
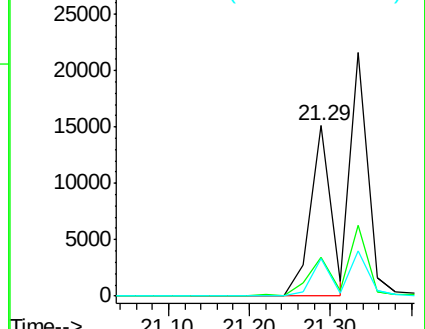
229 22.3 15.7 23.5

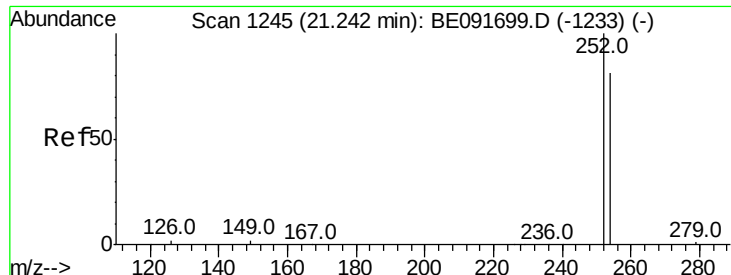


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

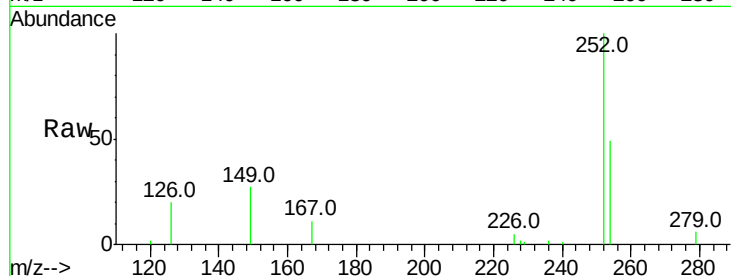




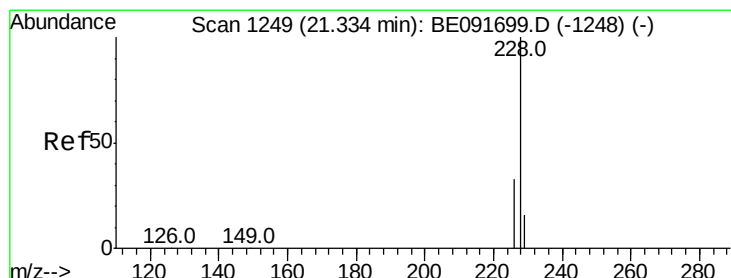
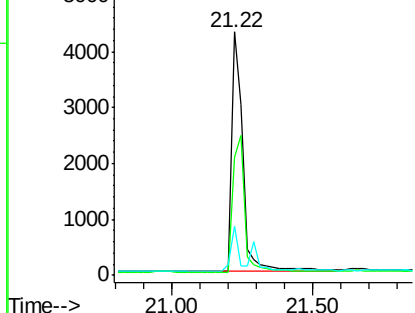
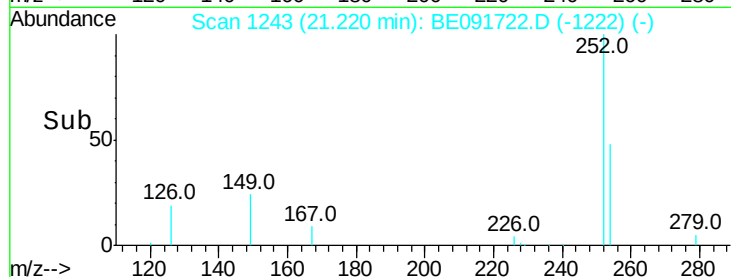
#31
 3,3'-Dichlorobenzidine
 Concen: 0.35 ng
 RT: 21.22 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091722.D
 Acq: 27 Apr 2016 12:34

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:252 Resp: 11818
 Ion Ratio Lower Upper
 252 100
 254 48.7 51.1 76.7#
 126 20.3 12.6 18.8#

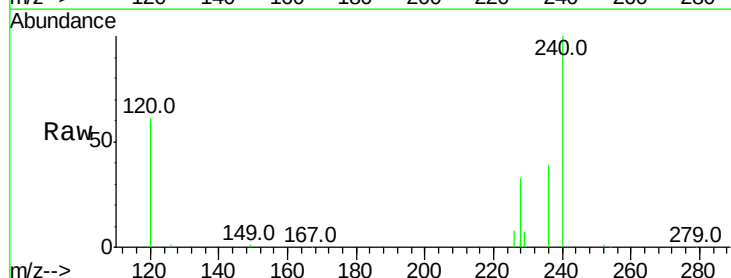


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

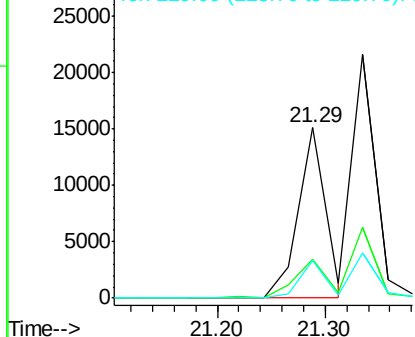
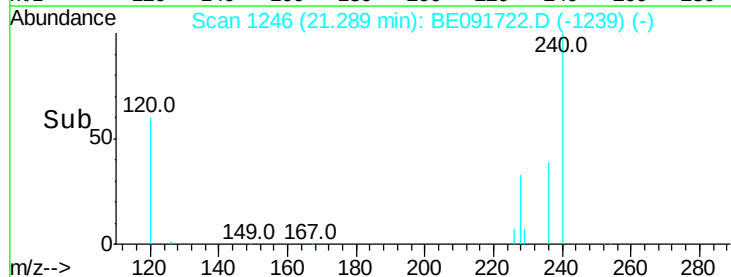


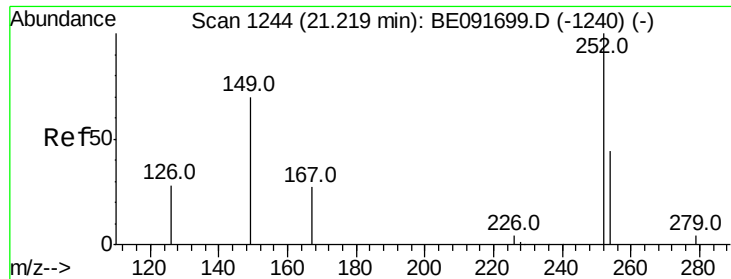
#32
 Chrysene
 Concen: 0.38 ng
 RT: 21.29 min Scan# 1246
 Delta R.T. -0.05 min
 Lab File: BE091722.D
 Acq: 27 Apr 2016 12:34

Tgt Ion:228 Resp: 26336
 Ion Ratio Lower Upper
 228 100
 226 22.8 24.0 36.0#
 229 22.3 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.35 ng

RT: 21.20 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

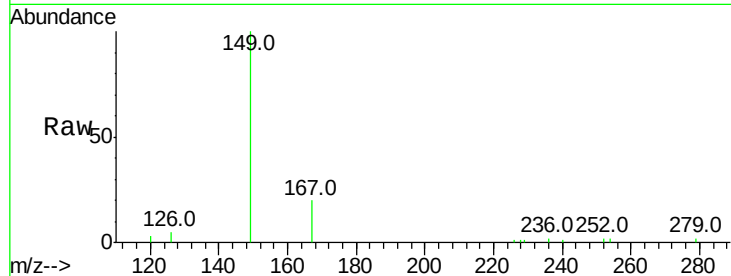
Tot Ion:149 Resp: 6998

Ion Ratio Lower Upper

149 100

167 23.0 19.5 29.3

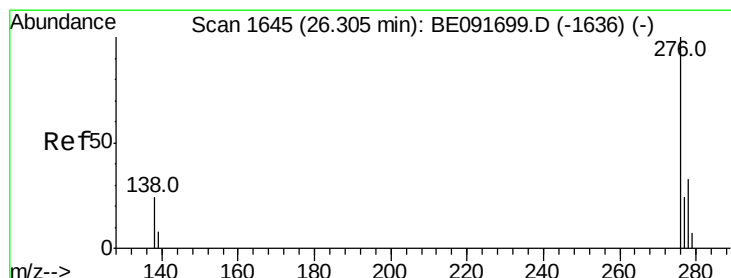
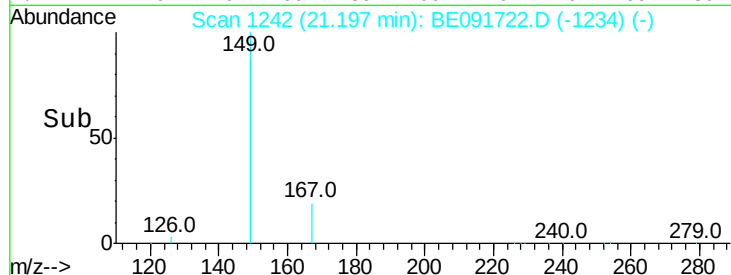
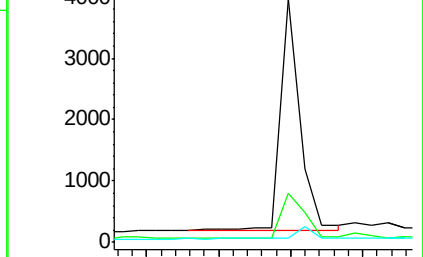
279 0.0 10.0 15.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.44 ng

RT: 26.31 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

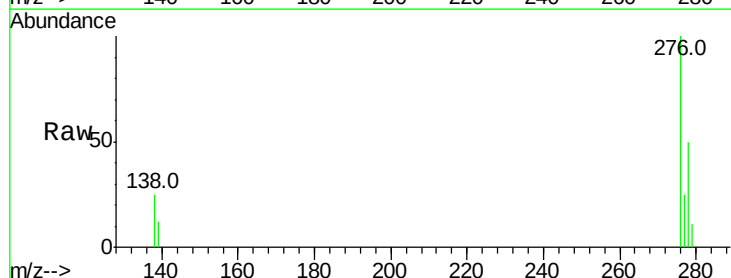
Tgt Ion:276 Resp: 27057

Ion Ratio Lower Upper

276 100

138 25.7 23.4 35.2

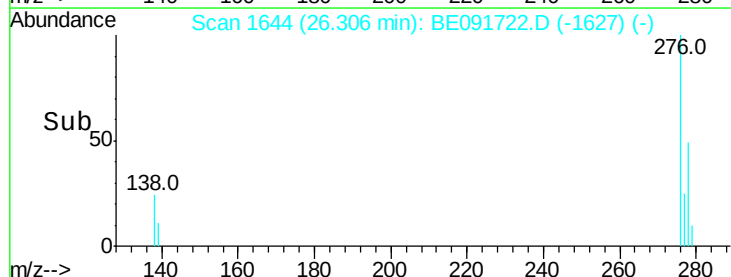
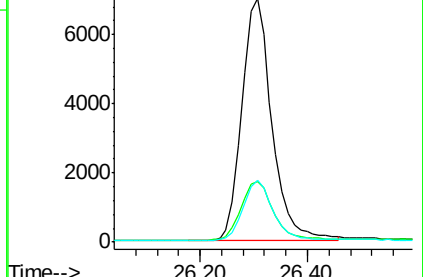
277 24.8 19.8 29.8

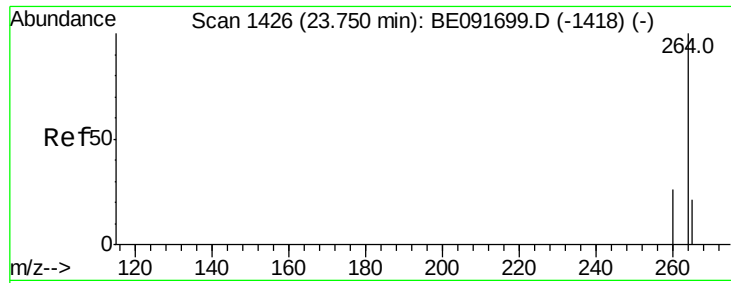


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



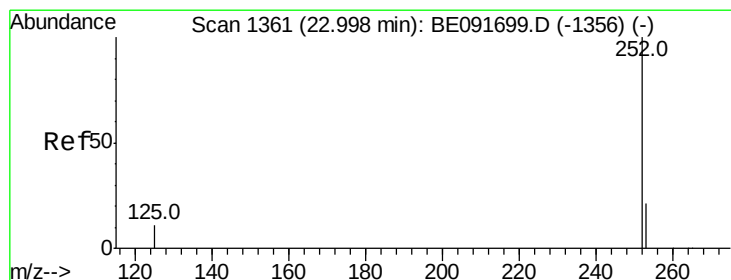
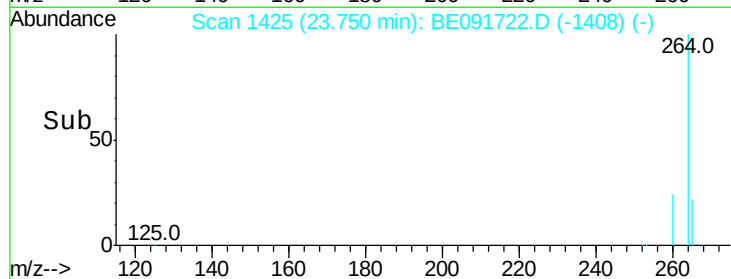
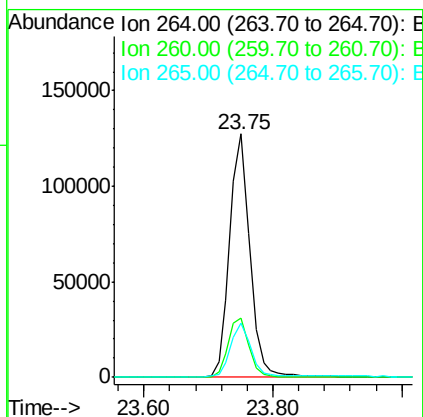
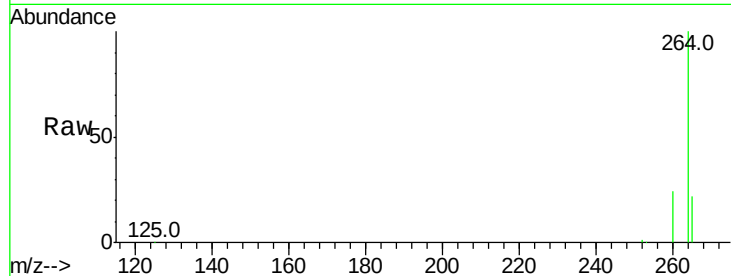


#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BE091722.D
Acq: 27 Apr 2016 12:34

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:264 Resp: 276969

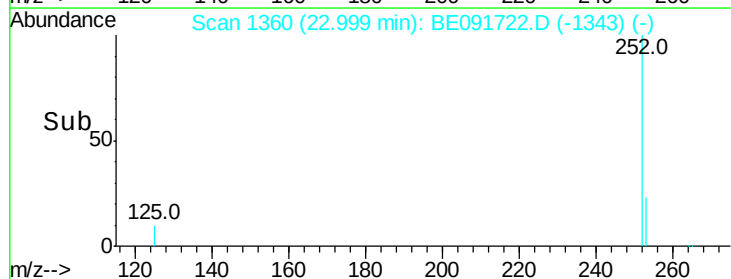
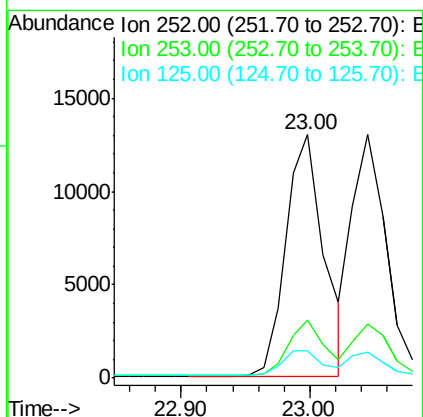
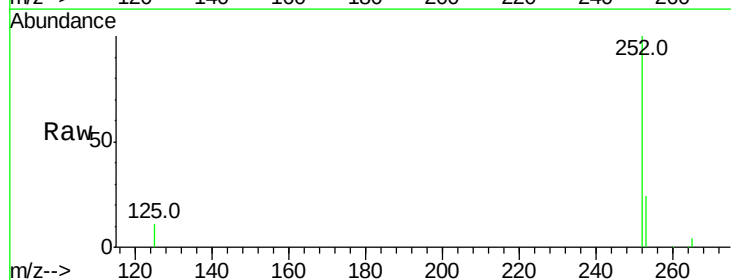
Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.0	30.0
265	22.2	17.5	26.3

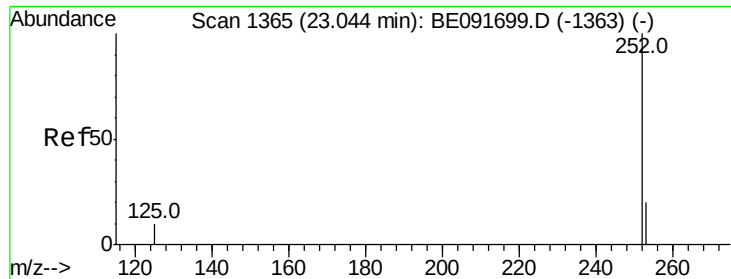


#36
Benzo(b)fluoranthene
Concen: 0.41 ng
RT: 23.00 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BE091722.D
Acq: 27 Apr 2016 12:34

Tgt Ion:252 Resp: 26672

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	11.4	10.2	15.2





#37

Benzo(k)fluoranthene

Concen: 0.37 ng

RT: 23.04 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

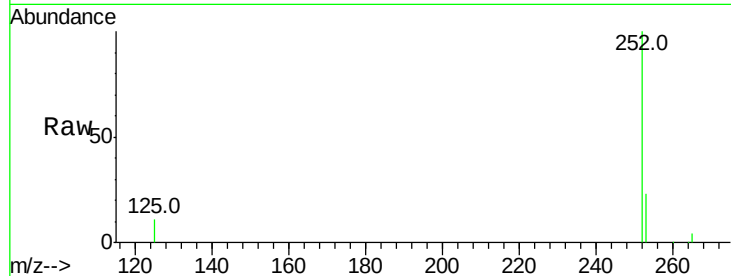
Tot Ion:252 Resp: 24369

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

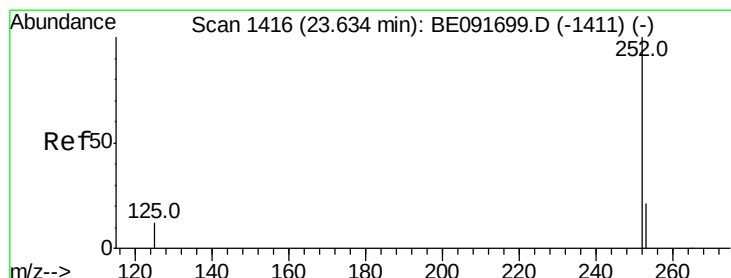
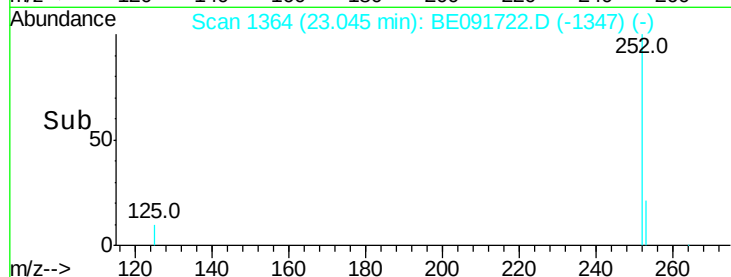
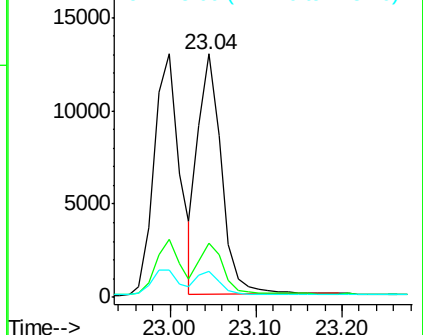
125 10.7 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 0.38 ng

RT: 23.63 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

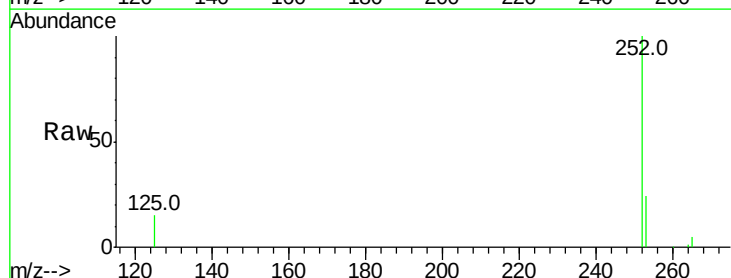
Tgt Ion:252 Resp: 23195

Ion Ratio Lower Upper

252 100

253 23.7 18.1 27.1

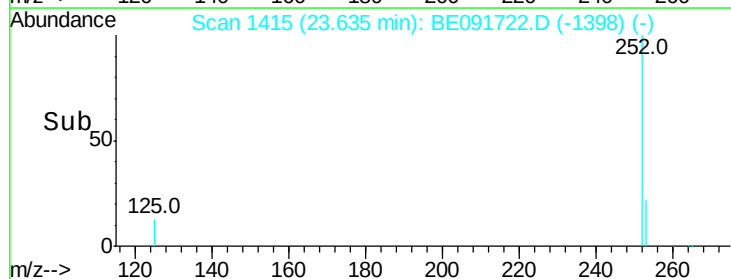
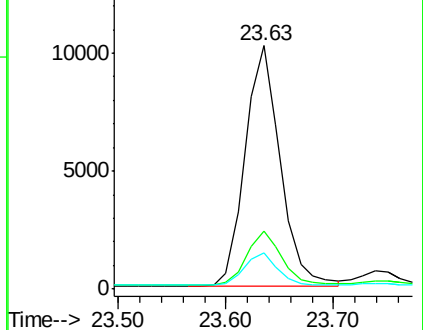
125 14.7 11.0 16.4

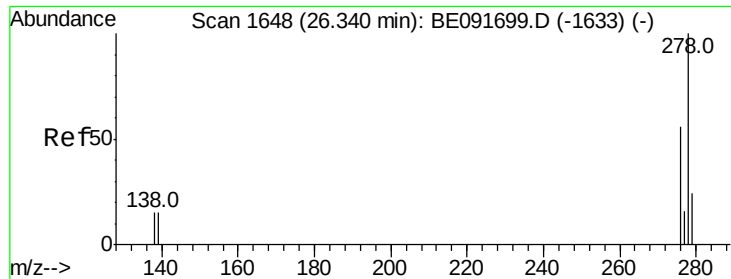


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 26.33 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

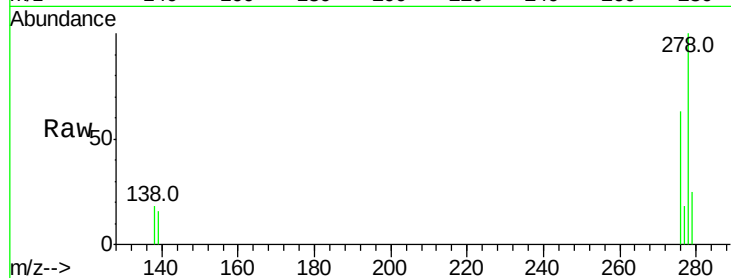
Tot Ion:278 Resp: 22141

Ion Ratio Lower Upper

278 100

139 16.3 16.0 24.0

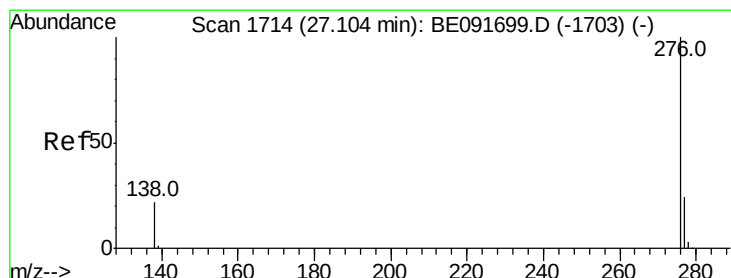
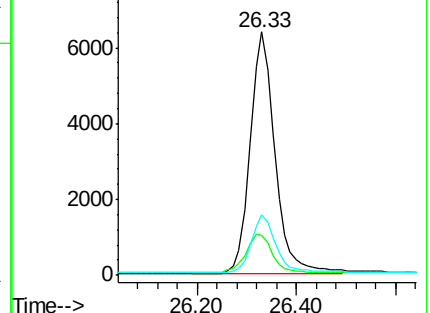
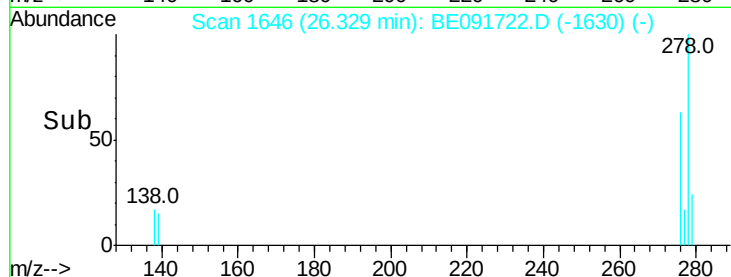
279 24.6 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 0.39 ng

RT: 27.09 min Scan# 1712

Delta R.T. -0.01 min

Lab File: BE091722.D

Acq: 27 Apr 2016 12:34

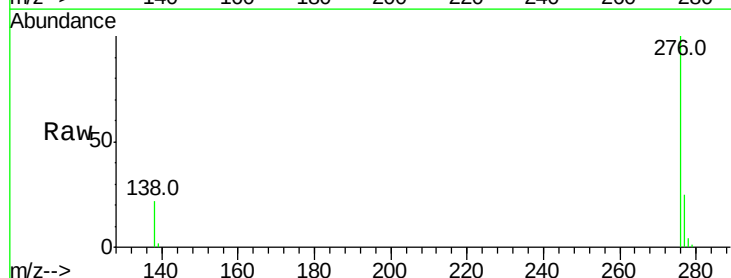
Tgt Ion:276 Resp: 23162

Ion Ratio Lower Upper

276 100

277 24.7 18.6 28.0

138 21.9 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

